CORRECTIVE ACTIONS REPORT

FOR

NASSAU METALS OU-2
NYSDEC VCP SITE # V00159

PREPARED FOR:

BEST EQUITIES, LLC.
1165 EAST 24TH STREET
BROOKLYN, NY 11210

PREPARED BY:

ADVANCED SITE RESTORATION
53 WEST HILLS ROAD, SUITE 1
HUNTINGTON STATION, NEW YORK 11746

SUBMITTED TO:

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
ATTENTION: MARLEN SALAZAR
SUPERFUND AND BROWNFIELD CLEANUP SECTION, REGION 2
DIVISION OF ENVIRONMENTAL REMEDIATION
47-40 21ST STREET
LONG ISLAND CITY, NY 11101

REPORT DATE: MARCH 19, 2026

ASR PROJECT# 22-115

TABLE OF CONTENTS

1.0 INTRODUCTION 5

1.1 SITE BACKGROUND 5

1.2 158 PAGE AVENUE RENOVATIONS 5

1.3 286 RICHMOND VALLEY ROAD RENOVATIONS 6

2.0 SUBSURFACE INVESTIGATION 7

2.1 158 PAGE AVENUE SUBSURFACE INVESTIGATION 7

2.1.1 MODIFIED LANDSCAPE CAPPING SYSTEM 7

2.1.2 MODIFIED CONCRETE WALKWAY CAPPING SYSTEM 9

2.1.3 MODIFIED CONCRETE DRIVEWAY CAPPING SYSTEM 9

2.1.4 MODIFIED ASPHALT DRIVEWAY CAPPING SYSTEM 10

2.1.5 ON-SITE REUSE OF EXCAVATED SOIL / MODIFIED GCL CAPPING SYSTEM 10

2.2 286 RICHMOND VALLEY ROAD SUBSURFACE INVESTIGATION 12

2.2.1 MODIFIED LANDSCAPE CAPPING SYSTEM 12

2.2.2 MODIFIED CONCRETE WALKWAY CAPPING SYSTEM 13

2.2.3 MODIFIED PAVER CAPPING SYSTEM 14

2.2.4 MODIFIED GULLY FILL CAPPING SYSTEM 15

2.2.5 ON-SITE REUSE OF EXCAVATED SOIL 17

3.0 REQUIRED CORRECTIVE ACTIONS 18

3.1 158 PAGE AVENUE CORRECTIVE ACTIONS 18

3.1.1 MODIFIED LANDSCAPE CAPPING SYSTEM RESTORATION 18

3.1.2 MODIFIED GCL CAPPING SYSTEM RESTORATION 19

3.2 286 RICHMOND VALLEY ROAD CORRECTIVE ACTIONS 20

3.2.1 MODIFIED LANDSCAPE CAPPING SYSTEM RESTORATION 20

3.2.2 MODIFIED GULLY FILL CAPPING SYSTEM RESTORATION 21

3.2.3 DISCOVERED REMNANT FILL AND VENT PIPES 21

3.3 236 RICHMOND VALLEY ROAD CORRECTIVE ACTIONS 22

3.3.1 OFF-SITE DISPOSAL OF DUMPED MATERIAL 22

3.4 COMMUNITY AIR MONITORING PROGRAM 23

3.5 CERTIFIED LAND SURVEY 23

LIST OF TABLES

Table I: Coordinates of Sampling Locations
Table II: 158 Page Avenue Landscaping Analytical Results
Table III: 158 Page Avenue Excavated Soil Analytical Results
Table IV: 286 Richmond Valley Road Landscaping Analytical Results
Table V: 286 Richmond Valley Road Identified Contamination Analytical Results
Table VI: 286 Richmond Valley Road Imported Patio Fill Analytical Results
Table VII: 286 Richmond Valley Road Imported Gully Fill Analytical Results
Table VIII: 286 Richmond Valley Road Excavated Soil Analytical Results
Table IX: 158 Page Avenue Delineation Boring Analytical Results
Table X: 158 Page Avenue Soil Export Trucking Log
Table XI: 158 Page Avenue Soil Import Trucking Log
Table XII: 286 Richmond Valley Road Delineation Boring Analytical Results
Table XIII: 286 Richmond Valley Road Soil Export Trucking Log
Table XIV: 286 Richmond Valley Road Soil Import Trucking Log
Table XV: 286 Richmond Valley Road UST Investigation Soil Sample Results
Table XVI: 236 Richmond Valley Road Waste Characterization Data
Table XVII: 236 Richmond Valley Road Soil Export Trucking Log

LIST OF FIGURES

Figure 1.0: Site Location and Work Areas
Figure 2.0: Extent of Modifications at 158 Page Avenue
Figure 3.0: Extent of Modifications at 286 Richmond Valley Road
Figure 4.0: Sampling Locations and Exceedances at 158 Page Avenue
Figure 5.0: Sampling Locations and Exceedances at 286 Richmond Valley Road
Figure 6.0: Restored Capping Systems at 158 Page Avenue
Figure 7.0: Restored Capping Systems at 286 Richmond Valley Road
Figure 8.0: Location of UST Investigation and Associated Samples
Figure 9.0: Location of Dumped Material at 236 Richmond Valley Road

LIST OF APPENDICES

Appendix A: Work Plan and Approval Letter
Appendix B: Daily Reports
Appendix C: Photo Log
Appendix D: Soil Boring Logs
Appendix E: Subsurface Investigation Laboratory Data Package
Appendix F: Certified As-Builts
Appendix G: Work Plan Addendums and Approval Letters
Appendix H: Delineation Borings Laboratory Data Package
Appendix I: Soil Disposal Facility Approval Letters.
Appendix J: Waste Disposal Manifests
Appendix K: Soil Reuse Requests and Approvals.
Appendix L: Soil Import Requests and Approvals
Appendix M: Soil Import Tickets
Appendix N: GCL Specifications
Appendix O: 2025 UST Investigation Report
Appendix P: Waste Characterization Laboratory Data Package
Appendix Q: Certified Land Survey

1.0 INTRODUCTION

Advanced Site Restoration ("ASR"), a division of Laurel Environmental Geosciences, D.P.C. was retained by the property owner for the Nassau Metals, Operable Unit No. 2 (the "Site") to implement the New York State Department of Environmental Conservation ("NYSDEC")-approved work plan for corrective actions, dated August 8, 2024. This investigation was conducted to provide supplemental information regarding construction work that was completed at the Site during the 2022 calendar year. This investigation sought to (1) determine the extent of modifications to the capping system at the Site, (2) document the construction of new capping systems, and (3) assess the chemical quality of any re-used on-Site or imported materials. The Site Location is shown in Figure 1.0 of this report, and the work plan and approval letter are included in Appendix A. It should be noted that the NYSDEC Part 375 Soil Cleanup Objectives ("SCOs") were updated on December 31, 2025. However, the soil sampling described in this report was completed before that date, and the SCOs referenced within this report are those that were in effect as of December 14, 2006, and all decisions were made based on those comparisons.

1.1 SITE BACKGROUND

The Site is managed under a Site Management Plan ("SMP") and associated Excavation Work Plan ("EWP") that must be complied with during any construction activities. During the 2022 calendar year, ***ASR*** was retroactively made aware of construction activities that were performed at the Site that were not in compliance with the SMP and EWP. The construction activities separately occurred at 158 Page Avenue (Lot 270), and at 286 Richmond Valley Road (Lot 250). The NYSDEC request letter, dated June 20, 2023, established a list of requirements to bring the Site back into compliance with the SMP. The NYSDEC letter is included as an attachment to the work plan (see Appendix A).

1.2 158 PAGE AVENUE RENOVATIONS

The work at 158 Page Avenue included the renovation of a vacant commercial bank building for occupancy by a commercial restaurant. Mammoth, Inc. ("Mammoth"), the general contractor that performed the work, provided a list of materials imported to the Site, including approximately 15 yards of bluestone, 10 yards of topsoil, and 10 yards of mulch. No chemical quality data was provided for any of the imported materials. Mammoth certified that no organic material was removed from the Site as part of construction; all excess soil generated during construction was reportedly relocated to a hill to the east of the Site Building at 158 Page Avenue. All inorganic materials (i.e., concrete and asphalt) were removed from the Site by F.M.B. Materials Inc., d.b.a. Island Roll Off, located at 79 Storer Avenue, Staten Island, New York. According to the provided job tickets and invoices, approximately 40 yards of concrete and 10 yards of asphalt were removed from the Site. The documentation provided by Mammoth is included as an attachment to the work plan (see Appendix A).

ASR was further provided with architectural plans by Tamborra Architecture Construction, P.C. ("Tamborra") that showed typical construction specifications for concrete sidewalks, concrete driveways, curbing, asphalt roadbeds, tree planting details, and other miscellaneous construction details. No specifications were provided for general landscaping beds. ***ASR*** reviewed the plans and noted that no demarcation barriers were specified in the construction components discussed above. The construction details are included as an attachment to the work plan (see Appendix A).

The extent of modifications at 158 Page Avenue are shown in Figure 2.0 of this report.

1.3 286 RICHMOND VALLEY ROAD RENOVATIONS

The work at 286 Richmond Valley Road included the installation of a new patio area to the west of the Site Building, and landscaping throughout the area. The NYSDEC was initially notified of the work to be performed at 286 Richmond Valley Road in a notification letter dated March 3, 2022, which included the excavation and re-use of approximately 60 yards of native material and/or certified clean sand (part of the "Gully Fill" cap). No chemical quality data was provided to demonstrate the suitably of the native material for re-use on-Site. Rogers Surveying, PLLC., a licensed land surveyor, was retained to provide an updated survey of the Site with topographic contours. Upon ***ASR***'s review of the survey, it became apparent that additional work was performed in this area without prior notification or proper oversight, including the import and placement of unknown material that raised the grade of the patio area by approximately 4 feet. ***ASR*** contacted Design Landscapes, Inc., the landscaper that performed the work, requesting additional documentation, but never received a written response. The initial site surveys are included as an attachment to the work plan (see Appendix A).

The extent of modifications at 286 Richmond Valley Road are shown in Figure 3.0 of this report.

2.0 SUBSURFACE INVESTIGATION

On October 21 and 22, 2024, ***ASR*** and EPhase 2, LLC, a drilling subcontractor, mobilized to the Site to implement the Corrective Actions Work Plan. The corresponding daily reports are included in Appendix B, and a photographic log is included in Appendix C of this report.

2.1 158 PAGE AVENUE SUBSURFACE INVESTIGATION

At 158 Page Avenue, thirteen (13) continuous soil borings (designated SB-1 through SB-12 and SB-X) were advanced via track mounted GeoProbe™, or with hand tools in the areas where accessibility was limited. All soil borings were advanced from current ground surface until a demarcation barrier was reached, or until 10 feet below ground surface ("bgs"), whichever was shallowest. All soil boring locations were surveyed in the field by Rogers Surveying, PLLC, and are shown in Figure 4.0 of this report. The GPS coordinates and elevations are provided in Table I of this report. All soil cores were logged by an ***ASR*** geologist in accordance with the Unified Soil Classification System ("USCS"). The resultant soil boring logs are included in Appendix D of this report.

2.1.1 MODIFIED LANDSCAPE CAPPING SYSTEM

The soil borings designated SB-1 and SB-4 were intended to confirm the construction of the modified landscape capping system. In the field, it was noted that SB-8 and SB-9 were also located in a modified landscape area. This discrepancy was communicated to the NYSDEC on October 21, 2024, and SB-8 and SB-9 were approved for inclusion in the investigation of the modified landscape capping system. The findings from these borings are as follows:

- SB-1 was conducted in an area that was historically part of the pre-construction asphalt capping system (detail 9, typical as-built asphalt added to existing asphalt cap, 2018 as-builts). The SB-1 boring showed the modified landscape capping system to be constructed from 4.5 inches of mulch and topsoil underlain by 16.5 inches of poorly graded sand. Historical fill material was encountered at approximately 2 feet bgs and extended to approximately 4 feet bgs, underlain by poorly graded sand and clay to 10 feet bgs. Neither the former pre-construction asphalt capping system nor other demarcation barriers were observed in this area.
- SB-4 was conducted in an area that was historically part of the post-development concrete walkway capping system (detail 8, typical as-built concrete cap for islands and curbs, 2018 as-builts). The SB-4 boring showed the modified landscape capping system to be constructed from 8 inches of mulch and topsoil underlain by 7 inches of concrete slab. Historical fill material was encountered at approximately 1.5 feet bgs and extended to approximately 3 feet bgs, underlain by poorly graded sand to 10 feet bgs. It was further noted that the post-development concrete walkway had been penetrated as required for the installation of each individual shrub or tree in this area. No demarcation barriers were observed in this area, beyond the intermittent remnants of the post-development concrete walkway capping system.
- SB-8 was conducted in an area that was historically part of a landscaped area planted prior to November 2015 (see drawing 6 of the 2018 as-builts). The SB-8 soil boring showed the modified landscaping capping system to be constructed from 9 inches of mulch and topsoil underlain by 28 inches of historical fill material, which extends to approximately 3 feet bgs. Poorly graded sand and clay were present from 3 feet to 10 feet bgs. No demarcation barriers were observed in this area.

- SB-9 was conducted in an area that was historically part of the pre-construction asphalt capping system (detail 9, typical as-built asphalt added to existing asphalt cap, 2018 as-builts). The SB-9 soil boring showed the modified landscaping capping system to be constructed from 11 inches of mulch and topsoil underlain by 26 inches of historical fill material, which extends to approximately 7 feet bgs. Silty sand was present from 8 to 10 feet bgs. No demarcation barriers were observed in this area.

To determine the chemical quality of the mulch and topsoil documented in the modified landscape capping system, ***ASR*** field screened the soil cores with a photoionization detector ("PID") and collected one (1) "worst case" (i.e., the highest PID reading) sample from the mulch (Sample ID: SB-4_2 in_Mulch), and one (1) sample "worst case" sample from the topsoil (Sample ID: SB-1_6 in_Top Soil). The remaining mulch and topsoil were separately composited and sampled (Sample ID: Paige Avenue Composite Mulch and Paige Avenue Composite Top Soil). The soil samples were collected into laboratory-supplied containers, stored on ice, and transported via courier for analysis at York Analytical Laboratories ("York"), a New York State Department of Health ("NYSDOH") Environmental Laboratory Approval Program ("ELAP") certified laboratory located in Stratford, Connecticut, under chain of custody procedures. The soil samples were analyzed for NYSDEC Part 375 parameters. The laboratory results are summarized below and are shown in full in Table II of this report. The laboratory data package is included in Appendix E of this report.

No volatile organic compounds ("VOCs") or herbicides were detected at concentrations above their respective method detection limits. Semi-volatile organic compounds ("SVOCs"), pesticides, and polychlorinated biphenyls ("PCBs") were detected in both composite samples at concentrations below the applicable NYSDEC Part 375 Restricted Use – Commercial Soil Cleanup Objectives ("NYSDEC Part 375 Commercial SCOs") and the NYSDEC Part 375 Restricted Use – Protection of Groundwater SCOs ("NYSDEC Part 375 Protection of Groundwater SCOs"). Several heavy metals were detected at concentrations exceeding the applicable SCOs as follows:

- Copper was detected in the mulch composite sample at 402 milligrams per kilogram ("mg/kg") and in the topsoil composite sample at 758 mg/kg, which are above the NYSDEC Part 375 Commercial SCO of 270 mg/kg, but below the NYSDEC Part 375 Protection of Groundwater SCO of 1,720 mg/kg.
- Lead was detected in the topsoil composite sample at 669 mg/kg, which is above the NYSDEC Part 375 Protection of Groundwater SCO of 450 mg/kg, but below the NYSDEC Part 375 Commercial SCO of 1,000 mg/kg.

All exceedances in soil samples at 158 Page Avenue are shown in Figure 4.0 of this report.

Based on these findings, additional corrective actions were required to bring the modified landscape capping system into compliance with the SMP and established remedial action objectives ("RAOs") for the Site. The required corrective actions are further discussed in Section 3.1.1 of this report.

2.1.2 MODIFIED CONCRETE WALKWAY CAPPING SYSTEM

The soil borings designated SB-2, SB-8, and SB-9 were intended to confirm the construction of the modified concrete walkway capping system. As discussed above, SB-8 and SB-9 were found in the field to be located in a modified landscape area. This discrepancy was communicated to the NYSDEC on October 21, 2024, and an additional boring, designated SB-X was conducted within the limited remaining footprint of the modified concrete walkway capping system. The findings from these borings are as follows:

- SB-2 was conducted in an area that was historically part of the pre-construction asphalt capping system (detail 9, typical as-built asphalt added to existing asphalt cap, 2018 as-builts). The SB-2 boring showed the modified concrete walkway capping system to be constructed from 8 inches of concrete underlain by 11 inches of historical fill material, which extends to approximately 3.5 feet bgs. Poorly graded and silty sands, and clay, were present from approximately 3.5 feet to 10 feet bgs. Neither the former pre-construction asphalt capping system nor other demarcation barriers were observed in this area.
- SB-X was conducted in an area that was historically part of the pre-construction asphalt capping system (detail 9, typical as-built asphalt added to existing asphalt cap, 2018 as-builts). The SB-X boring showed the modified concrete walkway capping system to be constructed from 8 inches of concrete underlain by 25 inches of historical fill material, extending to approximately 4 feet bgs. Silty sands and clay were present from approximately 4 feet bgs to 9.5 feet bgs, underlain by additional fill material to 10 feet bgs. Neither the former pre-construction asphalt capping system nor other demarcation barriers were observed in this area.

No soil samples were collected from these boring locations.

Based on these findings, no corrective actions are required to bring the modified concrete walkway capping system into compliance with the SMP. However, the SMP will need to be updated to accurately reflect the extent and construction of this modified capping system. The certified as-builts for the Modified Concrete Walkway Capping System are included in Appendix F of this report.

2.1.3 MODIFIED CONCRETE DRIVEWAY CAPPING SYSTEM

The soil borings designated SB-3 and SB-12 were intended to confirm the construction of the modified concrete driveway capping system. The findings from these borings are as follows:

- SB-3 was conducted in an area that was historically part of the pre-construction asphalt capping system (detail 9, typical as-built asphalt added to existing asphalt cap, 2018 as-builts). The SB-3 boring showed the modified concrete driveway capping system to be constructed from 8 inches of concrete underlain by 6 inches of asphalt, followed by 12 inches of historical fill material, which extends to approximately 2.5 feet bgs. Silty sand and clay were present from approximately 2.5 feet bgs to 10 feet bgs. The pre-construction asphalt capping system remains the demarcation barrier in this area.
- SB-12 was conducted in an area that was historically part of the pre-construction asphalt capping system (detail 9, typical as-built asphalt added to existing asphalt cap, 2018 as-builts). The SB-12 boring showed the modified concrete driveway capping system to be constructed from 15 inches of concrete underlain by 11 inches of historical fill material, which extends to approximately 2.5 feet bgs. Poorly graded and silty sands and clay were present from approximately 2.5 to 10 feet bgs. Neither the former pre-construction asphalt capping system nor other demarcation barriers were observed in this area.

No soil samples were collected from these boring locations.

Based on these findings, no corrective actions are required to bring the modified concrete capping system into compliance with the SMP. However, the SMP will need to be updated to accurately reflect the extent and construction of this modified capping system. The certified as-builts for the Modified Concrete Driveway Capping System are included in Appendix F of this report.

2.1.4 MODIFIED ASPHALT DRIVEWAY CAPPING SYSTEM

The soil borings designated SB-10 and SB-11 were intended to confirm the construction of the modified asphalt driveway capping system. The findings from these borings are as follows:

- SB-10 was conducted in an area that was historically part of a landscaped area planted prior to November 2015 (see drawing 6 of the 2018 as-builts). The SB-10 boring showed the modified asphalt driveway capping system to be constructed from 14 inches of asphalt underlain by 33 inches of historical fill material, which extends to approximately 3.5 feet bgs. Poorly graded and silty sands were present from approximately 3.5 feet to 10 feet bgs. No demarcation barriers were observed in this area.
- SB-11 was conducted in an area that was historically part of a landscaped area planted prior to November 2015 (see drawing 6 of the 2018 as-builts). The SB-11 showed the modified asphalt driveway capping system to be constructed from 10 inches of asphalt, underlain by 9 inches of concrete debris. At approximately 1.5 feet bgs, 10 inches of poorly graded sand was present, followed by 23 additional inches of historical fill material. Poorly graded and silty sands were present from approximately 4 to 10 feet bgs. No demarcation barriers were observed in this area.

No soil samples were collected from these boring locations.

Based on these findings, no corrective actions are required to bring the modified concrete capping system into compliance with the SMP. However, the SMP will need to be updated to accurately reflect the extent and construction of this modified capping system. The certified as-builts for the Modified Asphalt Driveway Capping System are included in Appendix F of this report.

2.1.5 ON-SITE REUSE OF EXCAVATED SOIL / MODIFIED GCL CAPPING SYSTEM

The soil borings designated SB-5, SB-6, and SB-7 were intended to characterize the soil that was reportedly excavated during construction activities and relocated to the hill, east of the building at 158 Page Avenue. This area of the Site was part of the geosynthetic composite layer ("GCL") capping system (detail 7 of Drawing AB-9, the Final Engineering Report ("FER") for Nassau Metals OU-2), which is supposed to be constructed from 6 inches of topsoil over 6 inches of certified clean sand, followed by the GCL (sodium bentonite placed between non-woven geotextiles), an additional 12 inches of certified clean sand, and a synthetic demarcation barrier.

Due to the access limitations associated with this area of the Site, these soil borings were conducted via hand tools (i.e., hand auger or GeoProbe® manual sampling device). The findings from these borings are as follows:

- SB-5 showed poorly graded sand from ground surface to 8 feet bgs, underlain by a silty sand from 8 to 10 feet bgs. No demarcation barrier was observed in this area.
- SB-6 showed approximately 8 inches of poorly graded sand above an orange demarcation barrier.

- SB-7 showed approximately 8.5 inches of mulch and topsoil, underlain by approximately 8.5 feet of historical fill material. Poorly graded sand as present from 9 to 10 feet bgs. No demarcation barrier was observed in this area.

To determine the chemical quality of the re-used material, representative grab samples were collected from the top 12 inches of soil at each location, except at the location of SB-6, where the sample was collected from the top 8 inches of soil due to the observed demarcation barrier (Sample IDs: SB-5_0 in-12 in, SB-6_0 in-12 in, and SB-7_0 in-12 in). The soil samples were collected into laboratory-supplied containers, stored on ice, and transported via courier for analysis at York, a NYSDOH ELAP certified laboratory located in Stratford, Connecticut, under chain of custody procedures. The soil samples were analyzed for NYSDEC Part 375 parameters. The laboratory results are summarized below and are shown in full in Table III of this report. The laboratory data package is included in Appendix E of this report.

No VOCs or herbicides were detected at concentrations above their respective method detection limits. All SVOCs were detected in the SB-5, SB-6, and SB-7 which were below the applicable NYSDEC Part 375 Protection of Groundwater SCOs and the NYSDEC Part 375 Commercial SCOs, except for the SVOC chrysene that was detected in the sample collected from SB-5 at 1.02 mg/kg, which is marginally above the NYSDEC Part 375 Protection of Groundwater SCO of 1.0 mg/kg, but below the NYSDEC Part 375 Commercial SCO of 56 mg/kg. Pesticides were detected in the samples collected from SB-5 and SB-6 at concentrations below the applicable NYSDEC Part 375 Protection of Groundwater SCOs and the NYSDEC Part 375 Commercial SCOs and were not detected above the method detection limits in SB-7. Several heavy metals and PCBs were detected at concentrations exceeding the applicable SCOs as follows:

- Barium was detected in the sample collected from SB-5 at a concentration of 563 mg/kg, which exceeds the NYSDEC Part 375 Commercial SCO of 400 mg/kg, but is below the NYSDEC Part 375 Protection of Groundwater SCO of 820 mg/kg.
- Cadmium was detected in SB-7 at a concentration of 9.4 mg/kg, which exceeds both the NYSDEC Part 375 Commercial SCO of 9.3 mg/kg and the NYSDEC Part 375 Protection of Groundwater SCO of 7.5 mg/kg.
- Copper was detected in the sample collected from SB-5 and SB-7 at concentrations of 3,310 and 4,860 mg/kg, respectively, which exceeds both the NYSDEC Part 375 Commercial SCO of 270 mg/kg and the NYSDEC Part 375 Protection of Groundwater SCO of 1,720 mg/kg. Copper was also detected in the sample collected from SB-6 at concentrations of 521 mg/kg, which exceeded the NYSDEC Part 375 Commercial SCO but was below the NYSDEC Part 375 Protection of Groundwater SCO.
- Lead was detected in the sample collected from SB-5 and SB-7 at concentrations of 1,640 and 3,560 mg/kg, respectively, which exceeds both the NYSDEC Part 375 Commercial SCO of 1,000 mg/kg and the NYSDEC Part 375 Protection of Groundwater SCO of 450 mg/kg.
- Zinc was detected in the sample collected from SB-5 at a concentration of 9,970 mg/kg, which exceeds the NYSDEC Part 375 Protection of Groundwater SCO of 2,480 mg/kg, but is below the NYSDEC Part 375 Commercial SCO of 10,000 mg/kg. Zinc was detected in the sample collected from SB-7 at a concentration of 12,000 mg/kg, which exceeds both the NYSDEC Part 375 Commercial SCO and NYSDEC Part 375 Protection of Groundwater SCO.
- Mercury was detected in the sample collected from SB-7 at a concentration of 2.29 mg/kg, which

is above the NYSDEC Part 375 Protection of Groundwater SCO of 0.73, but is below the NYSDEC Part 375 Commercial SCO of 2.8 mg/kg.

- Total PCBs were detected in the sample collected from SB-7 at a concentration of 1.24 mg/kg, which is above the NYSDEC Part 385 SCO of 1.0 mg/kg, but below the NYSDEC Part 375 Protection of Groundwater SCO of 3.2 mg/kg.

All exceedances in soil samples at 158 Page Avenue are shown in Figure 4.0 of this report.

Based on these findings, the excavated soil is not suitable for on-site reuse. Additional corrective actions are required to address the reused soil and to bring the GCL capping system into compliance with the SMP and the established RAOs for the Site. The required corrective actions are further discussed in Section 3.1.2 of this report.

2.2 286 RICHMOND VALLEY ROAD SUBSURFACE INVESTIGATION

At 286 Richmond Valley Road, fourteen (14) continuous soil borings (designated SB-13 through SB-26) were advanced via track mounted GeoProbe™, or with hand tools in the areas where accessibility was limited. All soil borings were advanced from current ground surface until a demarcation barrier was reached, or until 10 bgs, whichever was shallowest. All soil boring locations were surveyed in the field by Rogers Surveying, PLLC, and are shown in Figure 5.0 of this report. The GPS coordinates are provided in Table I of this report. All soil cores were logged by an ***ASR*** geologist in accordance with the USCS. The resultant soil boring logs are included in Appendix D of this report.

2.2.1 MODIFIED LANDSCAPE CAPPING SYSTEM

The soil borings designated SB-13, SB-14, and SB-17 were intended to confirm the construction of the modified landscape capping system. The findings from these borings are as follows:

- SB-13 was conducted in an area that was historically grassy and was not part of any designed capping system. The SB-13 boring showed the modified landscape capping system to be constructed from 4 inches of mulch and topsoil, underlain by poorly graded and silty sands to 10 feet bgs. No demarcation barriers were observed in this area.
- SB-14 was conducted in an area that was historically grassy and not part of any designed capping system. The SB-13 boring showed the modified landscape capping system to be constructed from 8.5 inches of mulch and topsoil, underlain by 27 inches of poorly graded sand. A black course fill material showing signs of suspected contamination, including a strong odor and apparent staining, was observed at approximately 3 feet bgs and had a thickness of 4.5 inches; the suspected contamination is further discussed in Section 2.2.2 of this report. Poorly graded sand was present from approximately 3.5 feet to 10 feet bgs. No demarcation barriers were observed in this area.
- SB-17 was conducted in an area that was historically grassy and not part of any designed capping system. The SB-17 boring showed the modified landscape capping system to be constructed from 11 inches of topsoil and mulch, underlain by 36 inches of poorly graded sand. A black course fill material showing signs of suspected contamination was observed at approximately 4 feet bgs and had a thickness of 1 inch; the suspected contamination is further discussed in Section 2.2.2 of this report. Poorly graded sand was present from approximately 4.1 to 10 feet bgs. No demarcation barriers were observed in this area.

To determine the chemical quality of the mulch and topsoil documented in the modified landscape capping

system, ***ASR*** field screened the soil cores with a PID and collected one (1) "worst case" (i.e., the highest PID reading) sample from the mulch (Sample ID: SB-17_2 in_Mulch), and one (1) sample "worst case" sample from the topsoil (Sample ID: SB-14_4 in_Top Soil). The remaining mulch and topsoil were separately composited and sampled (Sample ID: Richmond Composite Mulch and Richmond Composite Top Soil). The soil samples were collected into laboratory-supplied containers, stored on ice, and transported via courier for analysis at York, a NYSDOH ELAP certified laboratory located in Stratford, Connecticut, under chain of custody procedures. The soil samples were analyzed for NYSDEC Part 375 parameters. The laboratory results are summarized below and are shown in full in Table IV of this report. The laboratory data package is included in Appendix E of this report.

No herbicides or PCBs were detected at concentrations above their respective method detection limits. VOCs, SVOCs, pesticides, and heavy metals were detected in both composite samples at concentrations below the applicable NYSDEC Part 375 Commercial SCOs and the NYSDEC Part 375 Protection of Groundwater SCOs.

Based on these findings, corrective actions are required to address the contamination found at the SB-14 and SB-17 boring locations, and the SMP will need to be updated to accurately reflect the extent and construction of this modified landscape capping system. The certified as-builts for the Modified Landscape Capping System are included in Appendix F of this report.

2.2.2 MODIFIED CONCRETE WALKWAY CAPPING SYSTEM

The soil borings designated SB-15 and SB-16 were intended to confirm the construction of the modified concrete walkway capping system. The findings from these borings are as follows:

- SB-15 was conducted in an area that was historically a concrete walkway and not part of any designed capping system. The SB-15 boring showed the modified concrete walkway capping system to be constructed from a concrete paver and 5.5 inches of concrete sand, underlain by 22 inches of poorly graded sand. A black course fill material showing signs of suspected contamination, including a strong odor and apparent staining, was observed at approximately 2 feet bgs and had a thickness of 12 inches. Poorly graded sand and lean clay were present from approximately 3 to 10 feet bgs. No demarcation barriers were observed in this area.
- SB-16 was conducted in an area that was historically a concrete walkway and not part of any designed capping system. The SB-16 boring showed the modified concrete walkway capping system to be constructed from a concrete paver and 9 inches of concrete sand, underlain by 6 inches of fill material followed by approximately 5 feet of poorly graded sand. An additional 2 inches of fill material was observed at approximately 6.5 feet bgs. Poorly graded sand and lean clay were present from approximately 6.7 to 10 feet bgs. No demarcation barriers were observed in this area.

Based on field observations of suspected contamination, a representative sample was collected from the SB-15 boring location for laboratory analysis (Sample ID: SB-15_3 ft). The soil sample was collected into laboratory-supplied containers, stored on ice, and transported via courier for analysis at York, a NYSDOH ELAP certified laboratory located in Stratford, Connecticut, under chain of custody procedures. The soil sample was analyzed for NYSDEC Part 375 parameters. The laboratory results are summarized below and are shown in full in Table V of this report. The laboratory data package is included in Appendix E of this report.

No VOCs, pesticides, herbicides, or PCBs were detected above their respective method detection limits.

SVOCs were detected at concentrations below the applicable NYSDEC Part 375 Commercial SCOs and the NYSDEC Part 375 Protection of Groundwater SCOs. Several heavy metals were detected at concentrations exceeding the applicable SCOs as follows:

- Barium was detected at a concentration of 784 mg/kg, which exceeds the NYSDEC Part 375 Commercial SCO of 400 mg/kg, but is below the NYSDEC Part 375 Protection of Groundwater SCO of 820 mg/kg.
- Copper was detected at a concentration of 29,700 mg/kg, which exceeds both the NYSDEC Part 375 Commercial SCO of 270 mg/kg and the NYSDEC Part 375 Protection of Groundwater SCO of 1,720 mg/kg.
- Lead was detected at a concentration of 6,480 mg/kg, which exceeds both the NYSDEC Part 375 Commercial SCO of 1,000 mg/kg and the NYSDEC Part 375 Protection of Groundwater SCO of 450 mg/kg.
- Manganese was detected at a concentration of 2,110 g/kg, which exceeds the NYSDEC Part 375 Protection of Groundwater SCO of 2,000 mg/kg, but is below the NYSDEC Part 375 Commercial SCO of 10,000 mg/kg.
- Nickel was detected at a concentration of 487 mg/kg, which exceeds both the NYSDEC Part 375 Commercial SCO of 310 mg/kg and the NYSDEC Part 375 Protection of Groundwater SCO of 130 mg/kg.
- Selenium was detected at a concentration of 4.3 mg/kg, which exceeds the NYSDEC Part 375 Protection of Groundwater SCO of 4.0 mg/kg, but is below the NYSDEC Part 375 Commercial SCO of 1,500 mg/kg.
- Zinc was detected at a concentration of 71,600 mg/kg, which exceeds both the NYSDEC Part 375 Commercial SCO of 10,000 mg/kg and the NYSDEC Part 375 Protection of Groundwater SCO of 2,480 mg/kg.

All exceedances in soil samples at 286 Richmond Valley Road are shown in Figure 5.0 of this report.

Based on these findings, no corrective actions are required to bring the modified concrete walkway capping system into compliance with the SMP. However, corrective actions are required to address the contamination documented at SB-14, SB-15, and SB-17 boring locations. The required corrective actions are further discussed in Section 3.2 of this report. The certified as-builts for the Modified Concrete Walkway Capping System are included in Appendix F of this report.

2.2.3 MODIFIED PAVER CAPPING SYSTEM

The soil borings designated SB-19, SB-22, and SB-26 were intended to confirm the construction of the modified paver capping system. The findings from these borings are as follows:

- SB-19 was conducted in an area that was historically grassy and not part of any designed capping system. The SB-19 boring showed the modified paver capping system was constructed from a concrete paver and 2.5 inches of concrete sand, underlain by 18 inches of fill material. Alternating intervals of fill material and poorly graded sand were present from approximately 2 feet bgs to 10 feet bgs. No demarcation barriers were observed in this area.

- SB-22 was conducted in an area that was historically part of the gully fill capping system, which is

further discussed in Section 2.2.4 of this report. The SB-22 boring showed the modified paver capping system was constructed from a concrete paver and 3 inches of concrete sand, underlain by 6.5 inches of fill material and 22.5 inches of poorly graded sand. An orange demarcation barrier was observed at approximately 3 feet bgs, followed by 44 inches of dark brown fill material (the relocated contaminated fill material). Poorly graded sand was present from approximately 6.5 to 10 feet bgs.

- SB-26 was conducted in an area that was historically grassy and not part of any designed capping system. The SB-26 boring showed the modified paver capping system was constructed from a concrete paver and 1 inch of concrete sand, underlain by 9 inches of fill material. Silty sand was present from 1 to 10 feet bgs. No demarcation barriers were observed in this area.

Based on field observations of non-native fill material immediately beneath the modified paver capping system, a representative sample was collected from the SB-19 boring location for laboratory analysis (Sample ID: SB-19_2 in-16 in). The soil sample was collected into laboratory-supplied containers, stored on ice, and transported via courier for analysis at York, a NYSDOH ELAP certified laboratory located in Stratford, Connecticut, under chain of custody procedures. The soil samples were analyzed for NYSDEC Part 375 parameters. The laboratory results are summarized below and are shown in full in Table VI of this report. The laboratory data package is included in Appendix E of this report.

No VOCs, herbicides, or PCBs were detected above their respective method detection limits. SVOCs, heavy metals, and pesticides were detected at concentrations below the applicable NYSDEC Part 375 Commercial SCOs and the NYSDEC Part 375 Protection of Groundwater SCOs.

Based on these findings, no corrective actions are required to bring the modified paver capping system into compliance with the SMP. However, the SMP will need to be updated to accurately reflect the extent and construction of this modified capping system. The certified as-builts for the Modified Paver Capping System are included in Appendix F of this report.

2.2.4 MODIFIED GULLY FILL CAPPING SYSTEM

The gully fill capping system was constructed from 2 feet of certified clean fill material and a demarcation barrier, over 1 foot of relocated contaminated fill material (see drawing 8 of the 2018 as-builts); the relocated contaminated fill material was sampled as part of the 2016 Construction Completion Report ("CCR") and was determined to contain copper at concentrations above the NYSDEC Part 375 Commercial SCOs, and lead and zinc at concentrations above the NYSDC Part 375 Unrestricted Use SCOs. It should be noted that the bounds of the gully fill capping system were not previously surveyed, and as such the exact footprint of this capping system is unknown. The soil borings designated SB-23, SB-24, and SB-25 were intended to determine the construction of the modified gully fill capping system. The findings from these borings are as follows:

- SB-23 showed 6 inches of mulch and topsoil underlain by 60 inches of fill material. A historical mulch layer was observed at approximately 6 feet bgs, which serves as a delineation point between any recently imported fill material and the former ground surface. Poorly graded sand was present from approximately 6 to 10 feet bgs. No demarcation barrier or relocated contaminated fill material was observed in this area.

- SB-24 showed 3 inches of mulch and topsoil underlain by 66 inches of fill material. A historical mulch layer was observed at approximately 6 feet bgs, which serves as a delineation point between any recently imported fill material and the former ground surface. Poorly graded sand was present from approximately 6 to 10 feet bgs. No demarcation barrier or relocated contaminated fill material was observed in this area.
- SB-25 showed 6 inches of mulch and topsoil underlain by 51 inches of fill material. Poorly graded sand was present from approximately 5 to 10 feet bgs. No demarcation barrier or relocated contaminated fill material was observed in this area.

Based on field observations of recently imported fill material, a representative sample was collected from the SB-23 boring location for laboratory analysis (Sample ID: SB-23_4 in-6 ft). The soil sample was collected into laboratory-supplied containers, stored on ice, and transported via courier for analysis at York, a NYSDOH ELAP certified laboratory located in Stratford, Connecticut, under chain of custody procedures. The soil sample was analyzed for NYSDEC Part 375 parameters. The laboratory results are summarized below and are shown in full in Table VII of this report. The laboratory data package is included in Appendix E of this report.

No VOCs, herbicides, or PCBs were detected above their respective method detection limits. Pesticides were detected at concentrations below the applicable NYSDEC Part 375 Commercial SCOs and the NYSDEC Part 375 Protection of Groundwater SCOs. Several SVOCs and a heavy metal were detected at concentrations exceeding the applicable SCOs as follows:

- Benzo(a)anthracene was detected at a concentration of 1.4 mg/kg, which exceeds the NYSDEC Part 375 Protection of Groundwater SCO of 1.0 mg/kg, but is below the NYSDEC Part 375 Commercial SCO of 5.6 mg/kg.
- Benzo(a)pyrene was detected at a concentration of 1.1 mg/kg, which exceeds the NYSDEC Part 375 Commercial SCO of 1.0 mg/kg, but is below the NYSDEC Part 375 Protection of Groundwater SCO of 22 mg/kg.
- Chrysene was detected at a concentration of 1.5 mg/kg, which exceeds the NYSDEC Part 375 Protection of Groundwater SCO of 1.0 mg/kg, but is below the NYSDEC Part 375 Commercial SCO of 56 mg/kg.
- Copper was detected at a concentration of 397 mg/kg, which exceeds the NYSDEC Part 375 Commercial SCO of 270 mg/kg, but is below the NYSDEC Part 375 Protection of Groundwater SCO of 1,720 mg/kg.

All exceedances in soil samples at 286 Richmond Valley Road are shown in Figure 5.0 of this report.

Based on these findings, corrective actions are required to bring the modified gully fill capping system into compliance with the SMP and the established RAOs for the Site. The required corrective actions are further discussed in Section 3.2 of this report.

2.2.5 ON-SITE REUSE OF EXCAVATED SOIL

The soil borings designated SB-18, SB-20, and SB-21 were intended to investigate and characterize the unknown material that was apparently imported to the Site to raise the grade of the patio area. The findings from these borings are as follows:

- SB-18 was conducted in an area that was historically grassy and not part of any designed capping system. The SB-18 boring showed 6 inches of mulch and topsoil underlain by 61 inches of fill material. A historical mulch layer was observed at approximately 5.5 feet bgs, which serves as a delineation point between any re-used soil and the former ground surface. Poorly graded sand was present from approximately 5.7 to 10 feet bgs. No demarcation barrier or relocated contaminated fill material was observed in this area.
- SB-20 was conducted in an area that was historically grassy and not part of any designed capping system. The SB-20 boring showed 6 inches of mulch and topsoil underlain by 54 inches of fill material. 10 inches of sand was observed at approximately 4 feet bgs, serves as a delineation point between any re-used soil and the former ground surface. An additional 6 inches of fill material was observed at approximately 5 feet bgs, and poorly graded sand was present from approximately 6 to 10 feet bgs. No demarcation barrier was observed in this area.
- SB-21 was conducted in an area that was historically grassy and not part of any designed capping system. The SB-21 boring showed 7 inches of mulch and topsoil underlain by 61 inches of fill material. A historical mulch layer was observed at approximately 5.5 feet bgs, which serves as a delineation point between any re-used soil and the former ground surface. Poorly graded sand was present from approximately 6 to 10 feet bgs. No demarcation barrier was observed in this area.

To determine the chemical quality of the re-used material, representative grab samples were collected from the observed fill material at the SB-18 and SB-21 locations (Sample IDs: SB-18_4 in-5.5 ft and SB-21_6 in-5.5 ft). The soil samples were collected into laboratory-supplied containers, stored on ice, and transported via courier for analysis at York, a NYSDOH ELAP certified laboratory located in Stratford, Connecticut, under chain of custody procedures. The soil samples were analyzed for NYSDEC Part 375 parameters. The laboratory results are summarized below and are shown in full in Table VIII of this report. The laboratory data package is included in Appendix E of this report.

No herbicides were detected above their respective method detection limits. VOCs, SVOCs, pesticides, and PCBs were detected at concentrations below the applicable NYSDEC Part 375 Commercial SCOs and the NYSDEC Part 375 Protection of Groundwater SCOs. Heavy metals were detected at concentrations exceeding the applicable SCOs as follows:

- In the sample from SB-21, copper was detected at a concentration of 431 mg/kg, which exceeds the NYSDEC Part 375 Commercial SCO of 270 mg/kg, but is below the NYSDEC Part 375 Protection of Groundwater SCO of 1,720 mg/kg. Copper was detected in the sample from SB-18 at 81 mg/kg, which is below the applicable NYSDEC Part 375 Commercial SCOs and the NYSDEC Part 375 Protection of Groundwater SCOs.

All exceedances in soil samples at 286 Richmond Valley Road are shown in Figure 5.0 of this report.

Based on these findings, the excavated and reused soil in the vicinity of SB-21 is not suitable for on-site reuse. Corrective actions are required to address the reused soil. The required corrective actions are further discussed in Section 3.2 of this report.

3.0 REQUIRED CORRECTIVE ACTIONS

The Corrective Actions Subsurface Investigation identified several areas where the work that was previously performed was not compliant with the SMP. The required corrective actions are outlined in the following Sections of this report. A meeting was held between the NYSDEC and all participating environmental consultants and engineers on December 5, 2024, to discuss the findings of the subsurface investigation. Based on the findings of the subsurface investigation, Corrective Actions Work Plan Addendums were prepared by ***ASR***, dated February 4, 2025, and November 18, 2025, to further investigate, delineate, and implement repairs to the capping systems that had been compromised. The Work Plan Addendums and NYSDEC approval letters are included in Appendix G of this report. The corresponding daily reports are included in Appendix B, and a photographic log is included in Appendix C of this report.

3.1 158 PAGE AVENUE CORRECTIVE ACTIONS

The subsurface investigation documented disturbances to the landscape capping system surrounding the building at 158 Page Avenue and the GCL capping system located along the eastern site boundary. The capping systems were investigated and restored as described in the following sections. Corrective Actions work at 158 Page Avenue was conducted by Mammoth and began on July 11, 2025, and was completed by September 2, 2025. The extent of these restored capping systems is shown in Figure 6.0 of this report.

3.1.1 MODIFIED LANDSCAPE CAPPING SYSTEM RESTORATION

In the modified landscape capping system, concentrations of copper and lead above the NYSDEC Part 375 Protection of Groundwater SCOs in the topsoil and mulch, which required a corrective action. To delineate this condition, delineation borings were performed on July 7, 2025, at a rate of approximately one (1) delineation boring per 500 square feet of landscape area, for a total of six (6) delineation borings (DB-1 through DB-6) to determine the extent of contaminated soil. The sampling locations are shown in Figure 6.0 of this report.

At each location, a representative soil sample was collected from 0-12 inches bgs, along with representative quality assurance and quality control ("QA/QC") samples including a trip blank, blind duplicate, and equipment blank. The soil samples were collected into laboratory-supplied containers, stored on ice, and transported via courier for analysis at York, a NYSDOH ELAP certified laboratory located in Stratford, Connecticut, under chain of custody procedures. The soil samples were analyzed for NYSDEC Part 375 parameters. The laboratory results are summarized below and are shown in full in Table IX of this report. The laboratory data package is included in Appendix H of this report.

The metal copper was detected in four (4) of the delineation soil borings (DB-1, DB-2, DB-3, and DB-5) and the blind duplicate ("DUP", parent sample DB-3) at concentrations above the NYSDEC Part 375 Commercial SCOs. No other analytes were detected in the soil samples at concentrations above the applicable SCOs. Based on the results of the delineation soil sampling the top 12 inches of the northern landscaped area (represented by DB-1 and DB-2) and the top 12 inches of the northern half of the eastern landscaped area (represented by DB-3) and the eastern half of the western landscaped area (represented by DB-5) were excavated for off-site soil. A total of 68.82 tons of contaminated soil was transported off-site by Valiant Contracting, LLC., a Part 364 registered waste hauler, between August 29, 2025, and September 2, 2025, and disposed of at Posillico Materials, located at 1610 New Highway, Farmingdale, New York. The trucking log is shown in Table X, the disposal facility approval letter is included in Appendix I, and the waste disposal manifests are included in Appendix J.

The remainder of the soil from the landscaped area was suitable for reuse on-site. A soil reuse request was submitted to the NYSDEC and approved on July 18, 2025. The suitable soil was utilized in the restoration of the modified landscape capping system. The soil reuse request and NYSDEC approval are included in Appendix K.

To complete the restoration of the landscape capping system, the suitable soil was excavated for reuse, a demarcation barrier (i.e., GCL) was installed throughout the entire landscaped area, except around the existing trees that could not be removed without harm, and a minimum of 1-foot of certified clean material was placed on top. A soil import request was submitted to the NYSDEC and approved on July 15, 2025; the soil import request and approval letter are included in Appendix L. On July 18 and July 25, 2025, 150 tons of certified clean material were imported from Posillico Materials, located at 1610 New Highway, Farmingdale, New York. The soil import log is shown in Table XI, and copies of the import tickets are provided in Appendix M. The certified as-builts for the Modified Landscape Capping System are included in Appendix F of this report.

3.1.2 MODIFIED GCL CAPPING SYSTEM RESTORATION

In the area of the GCL capping system, where material was reportedly reused on-site, the GCL capping system was found to be compromised in all three (3) investigated areas, and barium, cadmium, copper, lead, zinc, mercury, and total PCBs were found in the surface soil at concentrations above the NYSDEC Part 375 Protection of Groundwater and NYSDEC Part 375 Commercial SCOs in the topsoil and mulch, which required a corrective action. To delineate the extent of the compromised capping system, a series of hand excavation test pits were performed at 10-foot intervals in north/south and east/west cardinal directions, to a depth of 2 feet bgs. The GCL capping system was found to be missing in all but one (1) investigated location; the GCL capping system was found intact along the southern landscaped area where the chain link fence divides 158 Page Avenue from the former 168 Page Avenue (currently restored wetlands). The area where the original GCL layer remains is shown in Figure 6.0 of this report.

To facilitate the restoration of the GCL capping system, a poured concrete retaining wall was constructed on top of the existing curbs and alongside the existing pedestrian walkway. A new GCL was installed throughout the area where the original GCL was found to be compromised; the new GCL is Clay-Tite Waterproofing Membrane, which is a dual layer waterproofing system consisting of 20-mil high density polyethylene (“HDPE”) underlain by sodium bentonite, and a non-woven polypropylene protective bottom layer. The GCL product specifications are included in Appendix N, and the area where the GCL was installed is shown in Figure 6.0 of this report.

The GCL was then covered with a minimum of 1-foot of certified clean material. A soil import request was submitted to the NYSDEC and approved on July 15, 2025; the soil import request and approval letter are included in Appendix L. On July 18 and July 25, 2025, 150 tons of certified clean material were imported from Posillico Materials, located at 1610 New Highway, Farmingdale, New York. The soil import log is shown in Table XI, and copies of the import tickets are provided in Appendix M. The certified as-builts for the Modified GCL Capping System are included in Appendix F of this report.

3.2 286 RICHMOND VALLEY ROAD CORRECTIVE ACTIONS

The subsurface investigation documented deficiencies in the modified landscape capping system surrounding the building at 286 Richmond Valley Road and disturbances to the gully fill capping system. The capping systems were further investigated and restored as described in the following sections. Corrective Actions work at 286 Richmond Valley Road was conducted by Mammoth and began on September 25, 2025, and was completed by December 9, 2025. The extent of these restored capping systems is shown in Figure 7.0 of this report.

3.2.1 MODIFIED LANDSCAPE CAPPING SYSTEM RESTORATION

Beneath the modified landscape capping system, a black course fill material showing signs of suspected contamination, including a strong odor and apparent staining, was observed at approximately 3 feet bgs; the fill material was sampled and found to contain metals including barium, copper, lead, manganese, nickel, selenium, and zinc at concentrations above the NYSDEC Part 375 Protection of Groundwater and NYSDEC Part 375 Commercial SCOs, which required a corrective action. To determine whether the existing soil and mulch within the landscape area was suitable for reuse as part of a new capping system, delineation borings were performed on September 25, 2025, at a rate of approximately (1) delineation boring per 500 square feet of landscape area, for a total of four (4) delineation borings (DB-7 through DB-10), and representative grab samples were collected from the 0 to 1-foot bgs interval. The sampling locations are shown in Figure 7.0 of this report.

At each location, a representative soil sample was collected from 0 to 12-inches bgs. The soil samples were collected into laboratory-supplied containers, stored on ice, and transported via courier for analysis at York, a NYSDOH ELAP certified laboratory located in Stratford, Connecticut, under chain of custody procedures. The soil samples were analyzed for NYSDEC Part 375 parameters. The laboratory results are summarized below and are shown in full in Table XII of this report. The laboratory data package is included in Appendix H of this report.

The metal copper was detected in two (2) of the delineation soil borings (DB-7 and DB-9) at concentrations above the NYSDEC Part 375 Commercial SCOs. No other analytes were detected in the soil samples at concentrations above the applicable SCOs. Based on the results of the delineation soil sampling, the top 12 inches of southern half of the eastern landscaped area (represented by DB-7) and the eastern half of the northern landscaped area (represented by DB-9) were excavated for off-site soil. A total of 49.44 tons of contaminated soil was transported off-site by Valiant Contracting, a Part 364 registered waste hauler, on November 11, 2025, and disposed of at Posillico Materials, located at 1610 New Highway, Farmingdale, New York. The trucking log is shown in Table XIII, the disposal facility approval letter is included in Appendix I, and the waste disposal manifests are included in Appendix J.

The remainder of the soil from the landscaped area was suitable for reuse on-site. A soil reuse request was submitted to the NYSDEC and approved on November 12, 2025. The suitable soil was excavated and utilized in the restoration of the modified landscape capping system, as described in the following paragraph. The soil reuse request and NYSDEC approval are included in Appendix K.

To mitigate the potential for migration of subsurface contaminants that remain in soil beneath the landscape capping system, a GCL was incorporated into this section of the landscape capping system, except around the existing trees that could not be removed without harm; the GCL is Clay-Tite Waterproofing Membrane, which is a dual layer waterproofing system consisting of 20-mil HDPE underlain by sodium bentonite, and a non-woven polypropylene protective bottom layer. The GCL product specifications are included in Appendix N, and the extent of the modified landscape capping system is shown in Figure 7.0. The GCL was then covered with a minimum of 1-foot of certified clean material. A soil import request was submitted to the NYSDEC and approved on December 3, 2025; the soil import request and approval letter are included in Appendix L. On December 9, 2025, 575 tons of certified clean material were imported from South Shore Materials, located at 327 Industrial Loop, Staten Island, New York; this imported material was split between the landscape capping system and the gully fill capping system as described in the following section. The soil import log is shown in Table XIV, and copies of the import tickets are provided in Appendix M. The certified as-builts for the Modified Landscape Capping System are included in Appendix F of this report.

3.2.2 MODIFIED GULLY FILL CAPPING SYSTEM RESTORATION

The certified clean cap of the previous gully fill capping system was disturbed, and hundreds of yards of fill material were imported from an unknown source to raise the grade above and surrounding the previous gully fill capping system. The imported fill material was sampled and found to contain SVOCs and metals including benzo(a)anthracene, benzo(a)pyrene, chrysene, and copper at concentrations above the NYSDEC Part 375 Protection of Groundwater and Part 375 Commercial SCOs, which required a corrective action.

To make room for the modified gully fill capping system, the top 12-inches of imported fill material was graded from the northern end (higher elevation) to southern end (lower elevation). This action was proposed to the NYSDEC in the Corrective Actions Work Plan Addendum, dated November 18, 2025, and was approved by NYSDEC on November 26, 2025. The Work Plan Addendum and NYSDEC approval letter are included in Appendix G of this report.

To restore the modified gully fill capping system, a synthetic demarcation barrier (i.e., orange construction fencing) was placed above the imported fill material, and was covered with a minimum 1-foot of certified clean material. A soil import request was submitted to the NYSDEC and approved on December 3, 2025; the soil import request and approval letter are included in Appendix L. On December 9, 2025, 575 tons of certified clean material were imported from South Shore Materials, located at 327 Industrial Loop, Staten Island, New York. The soil import log is shown in Table XIV, and copies of the import tickets are provided in Appendix M. The extent of the modified gully fill capping system is shown in Figure 7.0, and the certified as-builts for the Modified Gully Fill Capping System are included in Appendix F of this report.

3.2.3 DISCOVERED REMNANT FILL AND VENT PIPES

On November 4, 2025, during excavation work being performed as part of the landscape capping system restoration, a fill pipe and a cut vent line, associated with an oil storage tank of unknown status, were identified to the east of the 286 Richmond Valley Road building. The fill pipe was opened for visual inspection and found to be partially filled with soil. The fill and vent lines were traced beneath a concrete staircase and underneath a wooden deck and terminated off the southeast corner of the 286 Richmond Valley Road building. The locations of the fill and vent pipes are shown in Figure 8.0.

On November 10, 2025, a geophysical survey was conducted to determine if any underground storage tanks

("USTs") remained in the vicinity of the terminated pipes. The geophysical survey included the use of ground penetrating radar ("GPR"), line locating equipment, and magnetometer. No geophysical anomalies were identified during the geophysical survey. The report documenting the geophysical survey is included in Appendix O.

In accordance with NYSDEC Petroleum Bulk Storage ("PBS") regulations for closure of subsurface product piping, one (1) soil sample was collected from beneath the fill pipe, which was located over exposed soil (designated "FP") and one (1) soil sample was collected from beneath the subsurface fill line, at the point of termination (designated "Pipe_End"). The soil sampling locations are shown in Figure 8.0. The soil samples were collected into laboratory-supplied containers, stored on ice, and transported via courier for analysis at York, a NYSDOH ELAP certified laboratory located in Stratford, Connecticut, under chain of custody procedures. The soil samples were analyzed for VOCs and SVOCs using USEPA Methods 8260 and 8270. The laboratory results are summarized below and are shown in full in Table XV of this report. The laboratory data package is included in Appendix O of this report.

No VOCs or SVOCs were detected in the soil samples at concentrations exceeding the NYSDEC Part 375 Protection of Groundwater and NYSDEC Part 375 Commercial SCOs, and as such no further investigation or remediation was warranted. The full UST Investigation Report is included in Appendix O of this report.

3.3 236 RICHMOND VALLEY ROAD CORRECTIVE ACTIONS

During implementation of the Corrective Action Work Plan, it was discovered that approximately 5 yards of mixed soil and construction and demolition debris had been dumped on the Site to the west of the 236 Richmond Valley Road building by an unknown party at an unknown point in time. The Corrective Actions work at 236 Richmond Valley Road was conducted by Mammoth and began on November 26, 2025, and were completed by January 7, 2026. The location of the dumped material is shown in Figure 9.0.

3.3.1 OFF-SITE DISPOSAL OF DUMPED MATERIAL

On November 26, 2025, waste characterization sampling was performed from the mixed soil and construction and demolition debris. The soil samples were collected into laboratory-supplied containers, stored on ice, and transported via courier for analysis at York, a NYSDOH ELAP certified laboratory located in Stratford, Connecticut, under chain of custody procedures. The soil samples were analyzed for waste characterization parameters. The laboratory results are summarized below and are shown in full in Table XVI of this report. The laboratory data package is included in Appendix P of this report.

No analytes were detected in the waste characterization samples at concentrations exceeding the most stringent NYSDEC Part 375 Unrestricted Use SCOs. A total of 3.24 tons of soil and construction and demolition debris was transported off-site by Eastside Bulk, a Part 364 registered waste hauler, on January 7, 2026, and transferred via the DART Transfer Station, located at 540 Doremus Ave, Newark, New Jersey, to the Apex Sanitary Landfill, located at 11 County Road 78, Amsterdam, Ohio. The trucking log is shown in Table XVII, the disposal facility approval letter is included in Appendix I, and the waste disposal manifests are included in Appendix J.

3.4 COMMUNITY AIR MONITORING PROGRAM

The Community Air Monitoring Program ("CAMP") for the Site was implemented in accordance with the SMP and Excavation Work Plan ("EWP"). CAMP monitoring included real-time air monitoring for VOCs and dust particulate matter at an upwind location and at the downwind perimeter of the work zone during all ground intrusive activities, and periodic monitoring for VOCs during non-intrusive activities. For the purposes of this work, thresholds of 5 parts per million ("ppm") VOCs above background, and 0.150 milligrams per cubic meter ("mg/m^3") of dust particulate matter over a 15-minute time weighted average were established to determine if corrective measures were required. No exceedances of CAMP thresholds occurred, and no fugitive dust emissions were observed. As such, no corrective measures to limit VOCs or dust particulate matter were implemented. No community complaints were received in relation to this scope of work. The full CAMP readings are included within the Daily Status Reports, provided in Appendix B.

3.5 CERTIFIED LAND SURVEY

Upon completion of the corrective actions, Rogers Surveying, PLLC., a licensed land surveyor, was retained to provide an updated survey of the Site with new elevation readings and topographic contours. The updated certified land survey is provided in Appendix Q of this report.

Respectfully submitted,
Advanced Site Restoration, DPC.



Jamie Burgher
Project Manager, Geologist III



Scott A. Yanuck, P.G.
NYS P.G. Lic# 000330

I, Dan Noll, certify that this Corrective Actions Report, dated March 18, 2026, at the Nassau Metals OU-2 Site, was overseen by myself, a New York State Registered Professional Engineer, and performed in compliance with the NYSDEC-Approved Work Plans, with approved addendums and deviations as outlined in this Report.

A portion of these capping systems detailed within this Report were constructed without professional oversight and, as such, the certified as-builts for these select capping systems were prepared based on the information obtained during the Subsurface Investigation and are approved for inclusion in the SMP.



3/19/2026

Dan Noll, PE
LaBella Associates
VP, Environmental Technical Manager

Date

TABLES

Table I – Coordinates of Sampling Locations

Sample ID	Latitude	Longitude	Elevation
SB-1	40.52058464	74.2356458	10.736
SB-2	40.52056556	74.23556307	10.816
SB-3	40.52042509	74.23537786	10.555
SB-4	40.52038445	74.23540744	9.553
SB-5	40.52041758	74.23524612	13.324
SB-6	40.52034512	74.23524448	13.174
SB-7	40.52028615	74.23525195	11.843
SB-8	40.52036066	74.2357531	10.021
SB-9	40.52036526	74.23581703	9.918
SB-10	40.52045982	74.2358244	9.633
SB-11	40.5205573	74.2357444	10.075
SB-12	40.52055658	74.23571347	10.207
SB-13	40.52113221	74.23886915	22.203
SB-14	40.52109105	74.23858096	21.156
SB-15	40.52105309	74.23857255	20.36
SB-16	40.52105218	74.2385025	19.703
SB-17	40.52091715	74.2384864	19.671
SB-18	40.5209531	74.23909191	21.113
SB-19	40.52100741	74.23910326	21.711
SB-20	40.52102388	74.23919444	20.403
SB-21	40.52099601	74.23922972	18.863
SB-22	40.5210651	74.23914985	21.791
SB-23	40.52109184	74.23922114	20.637
SB-24	40.52113806	74.23924368	20.165
SB-25	40.5211387	74.23915814	21.161
SB-26	40.52106625	74.23901927	21.955
SB-X	40.52038865	74.23577116	10.272

Table II – 158 Page Avenue Landscaping Analytical Results

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Commercial SCOs	NYSDEC Part 375 Protection of GW SCOs	SB-1_6 in_Top Soil 10/21/2024 Soil		SB-4_2 in_Mulch 10/21/2024 Soil	
Compound			Result	Q	Result	Q
VOCs, 8260	mg/Kg	mg/Kg	mg/Kg		mg/Kg	
Dilution Factor			1		1	
1,1,1,2-Tetrachloroethane	~	~	0.003	U	0.03	U
1,1,1-Trichloroethane	500	0.68	0.003	U	0.03	U
1,1,2,2-Tetrachloroethane	~	~	0.003	U	0.03	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	~	~	0.003	U	0.03	U
1,1,2-Trichloroethane	~	~	0.003	U	0.03	U
1,1-Dichloroethane	240	0.27	0.003	U	0.03	U
1,1-Dichloroethylene	500	0.33	0.003	U	0.03	U
1,2,3-Trichlorobenzene	~	~	0.003	U	0.03	U
1,2,3-Trichloropropane	~	~	0.003	U	0.03	U
1,2,4-Trichlorobenzene	~	~	0.003	U	0.03	U
1,2,4-Trimethylbenzene	190	3.6	0.003	U	0.03	U
1,2-Dibromo-3-chloropropane	~	~	0.003	U	0.03	U
1,2-Dibromoethane	~	~	0.003	U	0.03	U
1,2-Dichlorobenzene	500	1.1	0.003	U	0.03	U
1,2-Dichloroethane	30	0.02	0.003	U	**0.027**	U
1,2-Dichloropropane	~	~	0.003	U	0.03	U
1,3,5-Trimethylbenzene	190	8.4	0.003	U	0.03	U
1,3-Dichlorobenzene	280	2.4	0.003	U	0.03	U
1,4-Dichlorobenzene	130	1.8	0.003	U	0.03	U
1,4-Dioxane	130	0.1	0.05	U	**0.54**	U
2-Butanone	500	0.12	0.003	U	0.03	U
2-Hexanone	~	~	0.003	U	0.03	U
4-Methyl-2-pentanone	~	~	0.003	U	0.03	U
Acetone	500	0.05	0.01	U	**0.07**	J
Acrolein	~	~	0.01	U	0.05	U
Acrylonitrile	~	~	0.003	U	0.03	U
Benzene	44	0.06	0.003	U	0.03	U
Bromochloromethane	~	~	0.003	U	0.03	U
Bromodichloromethane	~	~	0.003	U	0.03	U
Bromoform	~	~	0.003	U	0.03	U
Bromomethane	~	~	0.003	U	0.03	U
Carbon disulfide	~	~	0.003	U	0.03	U
Carbon tetrachloride	22	0.76	0.003	U	0.03	U

Table II – 158 Page Avenue Landscaping Analytical Results (continued)

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Commercial SCOs	NYSDEC Part 375 Protection of GW SCOs	SB-1_6 in_Top Soil 10/21/2024 Soil		SB-4_2 in_Mulch 10/21/2024 Soil	
Compound			Result	Q	Result	Q
VOCs, 8260	mg/Kg	mg/Kg	mg/Kg		mg/Kg	
Dilution Factor			1		1	
Chlorobenzene	500	1.1	0.003	U	0.03	U
Chloroethane	~	~	0.003	U	0.03	U
Chloroform	350	0.37	0.003	U	0.03	U
Chloromethane	~	~	0.003	U	0.03	U
cis-1,2-Dichloroethylene	500	0.25	0.003	U	0.03	U
cis-1,3-Dichloropropylene	~	~	0.003	U	0.03	U
Cyclohexane	~	~	0.003	U	0.03	U
Dibromochloromethane	~	~	0.003	U	0.03	U
Dibromomethane	~	~	0.003	U	0.03	U
Dichlorodifluoromethane	~	~	0.003	U	0.03	U
Ethyl Benzene	390	1	0.003	U	0.03	U
Hexachlorobutadiene	~	~	0.003	U	0.03	U
Isopropylbenzene	~	~	0.003	U	0.03	U
Methyl acetate	~	~	0.003	U	0.03	U
Methyl tert-butyl ether (MTBE)	500	0.93	0.003	U	0.03	U
Methylcyclohexane	~	~	0.003	U	0.03	U
Methylene chloride	500	0.05	0.01	U	**0.054**	U
n-Butylbenzene	500	12	0.003	U	0.03	U
n-Propylbenzene	500	3.9	0.003	U	0.03	U
o-Xylene	~	~	0.003	U	0.03	U
p- & m- Xylenes	~	~	0.01	U	0.05	U
p-Isopropyltoluene	~	~	0.003	U	0.03	U
sec-Butylbenzene	500	11	0.003	U	0.03	U
Styrene	~	~	0.003	U	0.03	U
tert-Butyl alcohol (TBA)	~	~	0.003	U	0.03	U
tert-Butylbenzene	500	5.9	0.003	U	0.03	U
Tetrachloroethylene	150	1.3	0.003	U	0.03	U
Toluene	500	0.7	0.003	U	0.03	U
trans-1,2-Dichloroethylene	500	0.19	0.003	U	0.03	U
trans-1,3-Dichloropropylene	~	~	0.003	U	0.03	U
trans-1,4-dichloro-2-butene	~	~	0.003	U	0.03	U
Trichloroethylene	200	0.47	0.003	U	0.03	U
Trichlorofluoromethane	~	~	0.003	U	0.03	U
Vinyl Chloride	13	0.02	0.003	U	**0.03**	U
Xylenes, Total	500	1.6	0.01	U	0.08	U

Table II – 158 Page Avenue Landscaping Analytical Results (continued)

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Commercial SCOs	NYSDEC Part 375 Protection of GW SCOs	Paige Avenue Composite Top Soil 10/21/2024 Soil		Paige Avenue Composite Mulch 10/21/2024 Soil	
Compound			Result	Q	Result	Q
SVOCS, 8270	mg/Kg	mg/Kg	mg/Kg		mg/Kg	
Dilution Factor			2		2	
1,1-Biphenyl	~	~	0.05	U	0.1	U
1,2,4,5-Tetrachlorobenzene	~	~	0.1	U	0.1	U
1,2,4-Trichlorobenzene	~	~	0.05	U	0.1	U
1,2-Dichlorobenzene	500	1.1	0.05	U	0.1	U
1,2-Diphenylhydrazine	~	~	0.05	U	0.1	U
1,3-Dichlorobenzene	280	2.4	0.05	U	0.1	U
1,4-Dichlorobenzene	130	1.8	0.05	U	0.1	U
2,3,4,6-Tetrachlorophenol	~	~	0.1	U	0.1	U
2,4,5-Trichlorophenol	~	~	0.05	U	0.1	U
2,4,6-Trichlorophenol	~	~	0.05	U	0.1	U
2,4-Dichlorophenol	~	~	0.05	U	0.1	U
2,4-Dimethylphenol	~	~	0.05	U	0.1	U
2,4-Dinitrophenol	~	~	0.1	U	0.1	U
2,4-Dinitrotoluene	~	~	0.05	U	0.1	U
2,6-Dinitrotoluene	~	~	0.05	U	0.1	U
2-Chloronaphthalene	~	~	0.05	U	0.1	U
2-Chlorophenol	~	~	0.05	U	0.1	U
2-Methylnaphthalene	~	~	0.05	U	0.1	U
2-Methylphenol	500	0.33	0.05	U	0.1	U
2-Nitroaniline	~	~	0.1	U	0.1	U
2-Nitrophenol	~	~	0.05	U	0.1	U
3- & 4-Methylphenols	500	0.33	0.05	U	0.1	U
3,3-Dichlorobenzidine	~	~	0.05	U	0.1	U
3-Nitroaniline	~	~	0.1	U	0.1	U
4,6-Dinitro-2-methylphenol	~	~	0.1	U	0.1	U
4-Bromophenyl phenyl ether	~	~	0.05	U	0.1	U
4-Chloro-3-methylphenol	~	~	0.05	U	0.1	U
4-Chloroaniline	~	~	0.05	U	0.1	U
4-Chlorophenyl phenyl ether	~	~	0.05	U	0.1	U
4-Nitroaniline	~	~	0.1	U	0.1	U
4-Nitrophenol	~	~	0.1	U	0.1	U
Acenaphthene	500	98	0.05	U	0.1	U
Acenaphthylene	500	107	0.3	D	0.2	D

Table II – 158 Page Avenue Landscaping Analytical Results (continued)

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Commercial SCOs	NYSDEC Part 375 Protection of GW SCOs	Paige Avenue Composite Top Soil 10/21/2024 Soil		Paige Avenue Composite Mulch 10/21/2024 Soil	
Compound			Result	Q	Result	Q
SVOCS, 8270	mg/Kg	mg/Kg	mg/Kg		mg/Kg	
Dilution Factor			2		2	
Acetophenone	~	~	0.05	U	0.1	U
Aniline	~	~	0.2	U	0.2	U
Anthracene	500	1000	0.2	D	0.1	D
Atrazine	~	~	0.05	U	0.1	U
Benzaldehyde	~	~	0.05	U	0.1	U
Benzidine	~	~	0.2	U	0.2	U
Benzo(a)anthracene	5.6	1	0.6	D	0.4	D
Benzo(a)pyrene	1	22	0.1	D	0.3	D
Benzo(b)fluoranthene	5.6	1.7	0.6	D	0.3	D
Benzo(g,h,i)perylene	500	1000	0.3	D	0.2	D
Benzo(k)fluoranthene	56	1.7	0.6	D	0.3	D
Benzoic acid	~	~	0.05	U	0.1	U
Benzyl alcohol	~	~	0.05	U	0.1	U
Benzyl butyl phthalate	~	~	0.05	U	0.1	U
Bis(2-chloroethoxy)methane	~	~	0.05	U	0.1	U
Bis(2-chloroethyl)ether	~	~	0.05	U	0.1	U
Bis(2-chloroisopropyl)ether	~	~	0.05	U	0.1	U
Bis(2-ethylhexyl)phthalate	~	~	0.1	JD	0.1	JD
Caprolactam	~	~	0.1	U	0.1	U
Carbazole	~	~	0.1	JD	0.1	JD
Chrysene	56	1	0.6	D	0.4	D
Dibenzo(a,h)anthracene	0.56	1000	0.1	D	0.1	JD
Dibenzofuran	350	210	0.05	U	0.1	U
Diethyl phthalate	~	~	0.05	U	0.1	U
Dimethyl phthalate	~	~	0.05	U	0.1	U
Di-n-butyl phthalate	~	~	0.05	U	0.1	U
Di-n-octyl phthalate	~	~	0.05	U	0.1	U
Diphenylamine	~	~	0.1	U	0.1	U
Fluoranthene	500	1000	1.3	D	0.9	D
Fluorene	500	386	0.1	JD	0.1	U
Hexachlorobenzene	6	3.2	0.05	U	0.1	U
Hexachlorobutadiene	~	~	0.05	U	0.1	U
Hexachlorocyclopentadiene	~	~	0.05	U	0.1	U

Table II – 158 Page Avenue Landscaping Analytical Results (continued)

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Commercial SCOs	NYSDEC Part 375 Protection of GW SCOs	Paige Avenue Composite Top Soil 10/21/2024 Soil		Paige Avenue Composite Mulch 10/21/2024 Soil	
Compound			Result	Q	Result	Q
SVOCS, 8270	mg/Kg	mg/Kg	mg/Kg		mg/Kg	
Dilution Factor			2		2	
Hexachloroethane	~	~	0.05	U	0.1	U
Indeno(1,2,3-cd)pyrene	5.6	8.2	0.3	D	0.2	D
Isophorone	~	~	0.05	U	0.1	U
Naphthalene	500	12	0.05	U	0.1	U
Nitrobenzene	~	~	0.05	U	0.1	U
N-Nitrosodimethylamine	~	~	0.05	U	0.1	U
N-nitroso-di-n-propylamine	~	~	0.05	U	0.1	U
N-Nitrosodiphenylamine	~	~	0.05	U	0.1	U
Pentachlorophenol	6.7	0.8	0.05	U	0.1	U
Phenanthrene	500	1000	0.4	D	0.3	D
Phenol	500	0.33	0.05	U	0.1	U
Pyrene	500	1000	0.7	D	0.5	D
Pesticides, 8081	mg/Kg	mg/Kg	mg/Kg		mg/Kg	
Dilution Factor			5		5	
4,4'-DDD	92	14	0.002	U	0.002	U
4,4'-DDE	62	17	0.002	U	NT	
4,4'-DDE [2C]	~	~	NT		0.002	U
4,4'-DDT	47	136	0.002	U	0.002	U
Aldrin	0.68	0.19	0.002	U	0.002	U
alpha-BHC	3.4	0.02	0.002	U	0.002	U
alpha-Chlordane	24	2.9	0.003	D	0.003	D
beta-BHC	3	0.09	0.002	U	0.002	U
Chlordane, total	~	~	0.04	U	0.05	U
delta-BHC	500	0.25	0.002	U	0.002	U
Dieldrin	1.4	0.1	0.002	U	0.002	U
Endosulfan I	200	102	0.002	U	0.002	U
Endosulfan II	200	102	0.002	U	0.002	U
Endosulfan sulfate	200	1000	0.002	U	0.002	U
Endrin	89	0.06	0.002	U	0.002	U
Endrin aldehyde	~	~	0.002	U	0.002	U
Endrin ketone	~	~	0.002	U	0.002	U
gamma-BHC (Lindane)	9.2	0.1	0.002	U	0.002	U
gamma-Chlordane	~	~	0.004	DP	0.004	DP

Table II – 158 Page Avenue Landscaping Analytical Results (continued)

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Commercial SCOs	NYSDEC Part 375 Protection of GW SCOs	Paige Avenue Composite Top Soil 10/21/2024 Soil		Paige Avenue Composite Mulch 10/21/2024 Soil	
Compound			Result	Q	Result	Q
Pesticides, 8081	mg/Kg	mg/Kg	mg/Kg		mg/Kg	
Dilution Factor			5		5	
Heptachlor	15	0.38	0.002	U	0.002	U
Heptachlor epoxide	~	~	0.002	U	0.002	U
Methoxychlor	~	~	0.002	U	0.002	U
Toxaphene	~	~	0.2	U	0.2	U
Metals, TAL	mg/Kg	mg/Kg	mg/Kg		mg/Kg	
Dilution Factor			1		1	
Aluminum	~	~	7,910		9,750	
Antimony	~	~	5.2		3.1	U
Arsenic	16	16	6.3		7.8	
Barium	400	820	79		68	
Beryllium	590	47	0.6		0.6	
Cadmium	9.3	7.5	0.4		0.4	
Calcium	~	~	32,200		39,500	
Chromium	~	~	24		25.1	
Cobalt	~	~	9.8		9.2	
Copper	270	1720	**758**		**402**	
Iron	~	~	15,100		18,300	
Lead	1000	450	**669**		220	
Magnesium	~	~	5,630		15,600	
Manganese	10000	2000	181		325	
Nickel	310	130	27.1		38	
Potassium	~	~	1,420		1,500	
Selenium	1500	4	2.3	U	3.1	U
Silver	1500	8.3	0.6		0.6	U
Sodium	~	~	219		411	
Thallium	~	~	2.3	U	3.1	U
Vanadium	~	~	21		31	
Zinc	10000	2480	629		259	
Mercury	2.8	0.73	0.1		0.1	

Table II – 158 Page Avenue Landscaping Analytical Results (continued)

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Commercial SCOs	NYSDEC Part 375 Protection of GW SCOs	Paige Avenue Composite Top Soil 10/21/2024 Soil		Paige Avenue Composite Mulch 10/21/2024 Soil	
Compound			Result	Q	Result	Q
Herbicides, TAL	mg/Kg	mg/Kg	mg/Kg		mg/Kg	
Dilution Factor			1		1	
2,4,5-T	~	~	0.02	U	0.03	U
2,4,5-TP (Silvex)	500	3.8	0.02	U	0.03	U
2,4-D	~	~	0.02	U	0.03	U
PCBs, 8082	mg/Kg	mg/Kg	mg/Kg		mg/Kg	
Dilution Factor			1		1	
Aroclor 1016	~	~	0.02	U	0.02	U
Aroclor 1221	~	~	0.02	U	0.02	U
Aroclor 1232	~	~	0.02	U	0.02	U
Aroclor 1242	~	~	0.02	U	0.02	U
Aroclor 1248	~	~	0.09		0.1	
Aroclor 1254	~	~	0.02	U	0.02	U
Aroclor 1260	~	~	0.05		0.03	P
Total PCBs	1	3.2	0.1		0.1	

Notes: any exceedances are color coded by regulation. Mg/kg=milligrams per kilogram.
Q is the qualifier column, where D=result is from an analysis that required a dilution, J=analyte detected at or above the method detection limit (MDL) but below the reporting limit – data is estimated, NT=analyte was not a target of this analysis, P=indicates there was a percent difference for detected concentrations that exceed the MDLs between the two gas chromatograph columns used for analysis, and U=analyte not detected at or above the level indicated.

Table III – 158 Page Avenue Excavated Soil Analytical Results

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Commercial SCOs	NYSDEC Part 375 Protection of GW SCOs	SB-5_0 in-12 in 10/21/2024 Soil		SB-6_0 in-12 in 10/21/2024 Soil		SB-7_0 in-12 in 10/21/2024 Soil	
Compound			Result	Q	Result	Q	Result	Q
VOCs, 8260	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1	
1,1,1,2-Tetrachloroethane	~	~	0.003	U	0.003	U	0.003	U
1,1,1-Trichloroethane	500	0.68	0.003	U	0.003	U	0.003	U
1,1,2,2-Tetrachloroethane	~	~	0.003	U	0.003	U	0.003	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	~	~	0.003	U	0.003	U	0.003	U
1,1,2-Trichloroethane	~	~	0.003	U	0.003	U	0.003	U
1,1-Dichloroethane	240	0.27	0.003	U	0.003	U	0.003	U
1,1-Dichloroethylene	500	0.33	0.003	U	0.003	U	0.003	U
1,2,3-Trichlorobenzene	~	~	0.003	U	0.003	U	0.003	U
1,2,3-Trichloropropane	~	~	0.003	U	0.003	U	0.003	U
1,2,4-Trichlorobenzene	~	~	0.003	U	0.003	U	0.003	U
1,2,4-Trimethylbenzene	190	3.6	0.003	U	0.003	U	0.003	U
1,2-Dibromo-3-chloropropane	~	~	0.003	U	0.003	U	0.003	U
1,2-Dibromoethane	~	~	0.003	U	0.003	U	0.003	U
1,2-Dichlorobenzene	500	1.1	0.003	U	0.003	U	0.003	U
1,2-Dichloroethane	30	0.02	0.003	U	0.003	U	0.003	U
1,2-Dichloropropane	~	~	0.003	U	0.003	U	0.003	U
1,3,5-Trimethylbenzene	190	8.4	0.003	U	0.003	U	0.003	U
1,3-Dichlorobenzene	280	2.4	0.003	U	0.003	U	0.003	U
1,4-Dichlorobenzene	130	1.8	0.003	U	0.003	U	0.003	U
1,4-Dioxane	130	0.1	0.059	U	0.063	U	0.060	U
2-Butanone	500	0.12	0.003	U	0.003	U	0.003	U
2-Hexanone	~	~	0.003	U	0.003	U	0.003	U
4-Methyl-2-pentanone	~	~	0.003	U	0.003	U	0.003	U
Acetone	500	0.05	0.006	U	0.006	U	0.006	U
Acrolein	~	~	0.006	U	0.006	U	0.006	U
Acrylonitrile	~	~	0.003	U	0.003	U	0.003	U
Benzene	44	0.06	0.003	U	0.003	U	0.003	U
Bromochloromethane	~	~	0.003	U	0.003	U	0.003	U
Bromodichloromethane	~	~	0.003	U	0.003	U	0.003	U
Bromoform	~	~	0.003	U	0.003	U	0.003	U
Bromomethane	~	~	0.003	U	0.003	U	0.003	U
Carbon disulfide	~	~	0.003	U	0.003	U	0.003	U
Carbon tetrachloride	22	0.76	0.003	U	0.003	U	0.003	U
Chlorobenzene	500	1.1	0.003	U	0.003	U	0.003	U

Table III – 158 Page Avenue Excavated Soil Analytical Results (continued)

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Commercial SCOs	NYSDEC Part 375 Protection of GW SCOs	SB-5_0 in-12 in 10/21/2024 Soil		SB-6_0 in-12 in 10/21/2024 Soil		SB-7_0 in-12 in 10/21/2024 Soil	
Compound			Result	Q	Result	Q	Result	Q
VOCs, 8260	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1	
Chloroethane	~	~	0.003	U	0.003	U	0.003	U
Chloroform	350	0.37	0.003	U	0.003	U	0.003	U
Chloromethane	~	~	0.003	U	0.003	U	0.003	U
cis-1,2-Dichloroethylene	500	0.25	0.003	U	0.003	U	0.003	U
cis-1,3-Dichloropropylene	~	~	0.003	U	0.003	U	0.003	U
Cyclohexane	~	~	0.003	U	0.003	U	0.003	U
Dibromochloromethane	~	~	0.003	U	0.003	U	0.003	U
Dibromomethane	~	~	0.003	U	0.003	U	0.003	U
Dichlorodifluoromethane	~	~	0.003	U	0.003	U	0.003	U
Ethyl Benzene	390	1	0.003	U	0.003	U	0.003	U
Hexachlorobutadiene	~	~	0.003	U	0.003	U	0.003	U
Isopropylbenzene	~	~	0.003	U	0.003	U	0.003	U
Methyl acetate	~	~	0.003	U	0.003	U	0.003	U
Methyl tert-butyl ether (MTBE)	500	0.93	0.003	U	0.003	U	0.003	U
Methylcyclohexane	~	~	0.003	U	0.003	U	0.003	U
Methylene chloride	500	0.05	0.006	U	0.006	U	0.006	U
n-Butylbenzene	500	12	0.003	U	0.003	U	0.003	U
n-Propylbenzene	500	3.9	0.003	U	0.003	U	0.003	U
o-Xylene	~	~	0.003	U	0.003	U	0.003	U
p- & m- Xylenes	~	~	0.006	U	0.006	U	0.006	U
p-Isopropyltoluene	~	~	0.003	U	0.003	U	0.003	U
sec-Butylbenzene	500	11	0.003	U	0.003	U	0.003	U
Styrene	~	~	0.003	U	0.003	U	0.003	U
tert-Butyl alcohol (TBA)	~	~	0.003	U	0.003	U	0.003	U
tert-Butylbenzene	500	5.9	0.003	U	0.003	U	0.003	U
Tetrachloroethylene	150	1.3	0.003	U	0.003	U	0.003	U
Toluene	500	0.7	0.003	U	0.003	U	0.003	U
trans-1,2-Dichloroethylene	500	0.19	0.003	U	0.003	U	0.003	U
trans-1,3-Dichloropropylene	~	~	0.003	U	0.003	U	0.003	U
trans-1,4-dichloro-2-butene	~	~	0.003	U	0.003	U	0.003	U
Trichloroethylene	200	0.47	0.003	U	0.003	U	0.003	U
Trichlorofluoromethane	~	~	0.003	U	0.003	U	0.003	U
Vinyl Chloride	13	0.02	0.003	U	0.003	U	0.003	U
Xylenes, Total	500	1.6	0.009	U	0.009	U	0.009	U

Table III – 158 Page Avenue Excavated Soil Analytical Results (continued)

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Commercial SCOs	NYSDEC Part 375 Protection of GW SCOs	SB-5_0 in-12 in 10/21/2024 Soil		SB-6_0 in-12 in 10/21/2024 Soil		SB-7_0 in-12 in 10/21/2024 Soil	
Compound			Result	Q	Result	Q	Result	Q
SVOCS, 8270	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			2		2		2	
1,1-Biphenyl	~	~	0.04	U	0.04	U	0.04	U
1,2,4,5-Tetrachlorobenzene	~	~	0.1	U	0.1	U	0.1	U
1,2,4-Trichlorobenzene	~	~	0.04	U	0.04	U	0.04	U
1,2-Dichlorobenzene	500	1.1	0.04	U	0.04	U	0.04	U
1,2-Diphenylhydrazine (as Azobenzene)	~	~	0.04	U	0.04	U	0.04	U
1,3-Dichlorobenzene	280	2.4	0.04	U	0.04	U	0.04	U
1,4-Dichlorobenzene	130	1.8	0.04	U	0.04	U	0.04	U
2,3,4,6-Tetrachlorophenol	~	~	0.1	U	0.1	U	0.1	U
2,4,5-Trichlorophenol	~	~	0.04	U	0.04	U	0.04	U
2,4,6-Trichlorophenol	~	~	0.04	U	0.04	U	0.04	U
2,4-Dichlorophenol	~	~	0.04	U	0.04	U	0.04	U
2,4-Dimethylphenol	~	~	0.04	U	0.04	U	0.04	U
2,4-Dinitrophenol	~	~	0.1	U	0.1	U	0.1	U
2,4-Dinitrotoluene	~	~	0.04	U	0.04	U	0.04	U
2,6-Dinitrotoluene	~	~	0.04	U	0.04	U	0.04	U
2-Chloronaphthalene	~	~	0.04	U	0.04	U	0.04	U
2-Chlorophenol	~	~	0.04	U	0.04	U	0.04	U
2-Methylnaphthalene	~	~	0.04	U	0.04	U	0.04	U
2-Methylphenol	500	0.33	0.04	U	0.04	U	0.04	U
2-Nitroaniline	~	~	0.1	U	0.1	U	0.1	U
2-Nitrophenol	~	~	0.04	U	0.04	U	0.04	U
3- & 4-Methylphenols	500	0.33	0.04	U	0.04	U	0.04	U
3,3-Dichlorobenzidine	~	~	0.04	U	0.04	U	0.04	U
3-Nitroaniline	~	~	0.1	U	0.1	U	0.1	U
4,6-Dinitro-2-methylphenol	~	~	0.1	U	0.1	U	0.1	U
4-Bromophenyl phenyl ether	~	~	0.04	U	0.04	U	0.04	U
4-Chloro-3-methylphenol	~	~	0.04	U	0.04	U	0.04	U
4-Chloroaniline	~	~	0.04	U	0.04	U	0.04	U
4-Chlorophenyl phenyl ether	~	~	0.04	U	0.04	U	0.04	U
4-Nitroaniline	~	~	0.1	U	0.1	U	0.1	U
4-Nitrophenol	~	~	0.1	U	0.1	U	0.1	U
Acenaphthene	500	98	0.1	D	0.04	U	0.04	U
Acenaphthylene	500	107	0.2	D	0.1	JD	0.1	JD
Acetophenone	~	~	0.04	U	0.04	U	0.04	U

Table III – 158 Page Avenue Excavated Soil Analytical Results (continued)

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Commercial SCOs	NYSDEC Part 375 Protection of GW SCOs	SB-5_0 in-12 in 10/21/2024 Soil		SB-6_0 in-12 in 10/21/2024 Soil		SB-7_0 in-12 in 10/21/2024 Soil	
Compound			Result	Q	Result	Q	Result	Q
SVOCS, 8270	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			2		2		2	
Aniline	~	~	0.2	U	0.2	U	0.2	U
Anthracene	500	1000	0.4	D	0.1	JD	0.1	JD
Atrazine	~	~	0.04	U	0.04	U	0.04	U
Benzaldehyde	~	~	0.04	U	0.04	U	0.04	U
Benzidine	~	~	0.2	U	0.2	U	0.2	U
Benzo(a)anthracene	5.6	1	1.0	D	0.2	D	0.1	D
Benzo(a)pyrene	1	22	0.8	D	0.1	D	0.1	D
Benzo(b)fluoranthene	5.6	1.7	0.7	D	0.1	D	0.1	D
Benzo(g,h,i)perylene	500	1000	0.4	D	0.1	D	0.2	D
Benzo(k)fluoranthene	56	1.7	0.7	D	0.1	D	0.1	D
Benzoic acid	~	~	0.04	U	0.04	U	0.04	U
Benzyl alcohol	~	~	0.04	U	0.04	U	0.04	U
Benzyl butyl phthalate	~	~	0.04	U	0.04	U	0.04	U
Bis(2-chloroethoxy)methane	~	~	0.04	U	0.04	U	0.04	U
Bis(2-chloroethyl)ether	~	~	0.04	U	0.04	U	0.04	U
Bis(2-chloroisopropyl)ether	~	~	0.04	U	0.04	U	0.04	U
Bis(2-ethylhexyl)phthalate	~	~	0.1	JD	0.04	U	0.1	D
Caprolactam	~	~	0.1	U	0.1	U	0.1	U
Carbazole	~	~	0.2	D	0.04	U	0.04	U
Chrysene	56	1	**1.02**	D	0.2	D	0.2	D
Dibenzo(a,h)anthracene	0.56	1000	0.1	D	0.04	U	0.04	U
Dibenzofuran	350	210	0.1	JD	0.04	U	0.04	U
Diethyl phthalate	~	~	0.04	U	0.04	U	0.04	U
Dimethyl phthalate	~	~	0.04	U	0.04	U	0.04	U
Di-n-butyl phthalate	~	~	0.04	U	0.04	U	0.04	U
Di-n-octyl phthalate	~	~	0.04	U	0.04	U	0.1	JD
Diphenylamine	~	~	0.1	U	0.1	U	0.1	U
Fluoranthene	500	1000	2.2	D	0.4	D	0.3	D
Fluorene	500	386	0.1	D	0.04	U	0.04	U
Hexachlorobenzene	6	3.2	0.04	U	0.04	U	0.04	U
Hexachlorobutadiene	~	~	0.04	U	0.04	U	0.04	U
Hexachlorocyclopentadiene	~	~	0.04	U	0.04	U	0.04	U
Hexachloroethane	~	~	0.04	U	0.04	U	0.04	U
Indeno(1,2,3-cd)pyrene	5.6	8.2	0.4	D	0.1	D	0.1	D

Table III – 158 Page Avenue Excavated Soil Analytical Results (continued)

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Commercial SCOs	NYSDEC Part 375 Protection of GW SCOs	SB-5_0 in-12 in 10/21/2024 Soil		SB-6_0 in-12 in 10/21/2024 Soil		SB-7_0 in-12 in 10/21/2024 Soil	
Compound			Result	Q	Result	Q	Result	Q
SVOCS, 8270	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			2		2		2	
Isophorone	~	~	0.04	U	0.04	U	0.04	U
Naphthalene	500	12	0.04	U	0.04	U	0.04	U
Nitrobenzene	~	~	0.04	U	0.04	U	0.04	U
N-Nitrosodimethylamine	~	~	0.04	U	0.04	U	0.04	U
N-nitroso-di-n-propylamine	~	~	0.04	U	0.04	U	0.04	U
N-Nitrosodiphenylamine	~	~	0.04	U	0.04	U	0.04	U
Pentachlorophenol	6.7	0.8	0.04	U	0.04	U	0.04	U
Phenanthrene	500	1000	1.0	D	0.1	D	0.1	D
Phenol	500	0.33	0.04	U	0.04	U	0.04	U
Pyrene	500	1000	1.2	D	0.2	D	0.2	D
Pesticides, 8081	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			5		5		5	
4,4'-DDD	92	14	NT		NT		0.002	U
4,4'-DDD [2C]	~	~	0.002	U	0.002	U	NT	
4,4'-DDE	62	17	0.002	U	0.002	U	0.002	U
4,4'-DDT	47	136	0.002	U	0.002	U	0.002	U
Aldrin	0.68	0.19	0.002	U	0.002	U	0.002	U
alpha-BHC	3.4	0.02	0.002	U	0.002	U	0.002	U
alpha-Chlordane	24	2.9	0.002	U	0.004	D	0.002	U
beta-BHC	3	0.09	0.002	U	0.002	U	0.002	U
Chlordane, total	~	~	0.03	U	0.03	U	0.04	U
delta-BHC	500	0.25	0.002	U	0.002	U	0.002	U
Dieldrin	1.4	0.1	0.002	U	0.002	U	0.002	U
Endosulfan I	200	102	0.002	U	0.002	U	0.002	U
Endosulfan II	200	102	0.002	U	0.002	U	0.002	U
Endosulfan sulfate	200	1000	0.002	U	0.002	U	0.002	U
Endrin	89	0.06	0.002	U	0.002	U	0.002	U
Endrin aldehyde	~	~	0.002	U	0.002	U	0.002	U
Endrin ketone	~	~	0.002	U	0.002	U	0.002	U
gamma-BHC (Lindane)	9.2	0.1	0.002	U	0.002	U	0.002	U
gamma-Chlordane	~	~	0.002	DP	0.005	DP	0.002	U
Heptachlor	15	0.38	0.002	U	0.002	U	0.002	U
Heptachlor epoxide	~	~	0.002	U	0.002	U	0.002	U
Methoxychlor	~	~	0.002	U	0.002	U	0.002	U
Toxaphene	~	~	0.2	U	0.2	U	0.2	U

Table III – 158 Page Avenue Excavated Soil Analytical Results (continued)

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Commercial SCOs	NYSDEC Part 375 Protection of GW SCOs	SB-5_0 in-12 in 10/21/2024 Soil		SB-6_0 in-12 in 10/21/2024 Soil		SB-7_0 in-12 in 10/21/2024 Soil	
Compound			Result	Q	Result	Q	Result	Q
Metals, TAL	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			10		1		10	
Aluminum	~	~	11,000		10,200		8,540	
Antimony	~	~	8.1		2.2	U	14.1	
Arsenic	16	16	8.8		9.2		12.3	
Barium	400	820	**563**		91.4		356.0	
Beryllium	590	47	3.5		0.5		2.1	
Cadmium	9.3	7.5	3.3		0.3		**9.4**	
Calcium	~	~	18,100		23,500		17,300	
Chromium	~	~	49		29		35	
Cobalt	~	~	22		8.2		14	
Copper	270	1720	**3,310**		**521**		**4,860**	
Iron	~	~	36,500		20,700		28,800	
Lead	1000	450	**1,640**		204		**3,560**	
Magnesium	~	~	5,180		5,870		3,180	
Manganese	10000	2000	495		227		488	
Nickel	310	130	59.5		24.3		66	
Potassium	~	~	1,400		2,530		845	
Selenium	1500	4	2.2	U	2.2	U	2.2	U
Silver	1500	8.3	1.1		0.6		1.6	
Sodium	~	~	2,410		308		1,790	
Thallium	~	~	2.2	U	2.2	U	2.2	U
Vanadium	~	~	30		29		23	
Zinc	10000	2480	**9,970**	D	485		**12,000**	D
Mercury	2.8	0.73	0.4		0.2		**2.3**	
Herbicides, TAL	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1	
2,4,5-T	~	~	0.02	U	0.02	U	0.02	U
2,4,5-TP (Silvex)	500	3.8	0.02	U	0.02	U	0.02	U
2,4-D	~	~	0.02	U	0.02	U	0.02	U

Table III – 158 Page Avenue Excavated Soil Analytical Results (continued)

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Commercial SCOs	NYSDEC Part 375 Protection of GW SCOs	SB-5_0 in-12 in 10/21/2024 Soil		SB-6_0 in-12 in 10/21/2024 Soil		SB-7_0 in-12 in 10/21/2024 Soil	
Compound			Result	Q	Result	Q	Result	Q
PCBs, 8082	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1	
Aroclor 1016	~	~	0.02	U	0.02	U	0.02	U
Aroclor 1221	~	~	0.02	U	0.02	U	0.02	U
Aroclor 1232	~	~	0.02	U	0.02	U	0.02	U
Aroclor 1242	~	~	0.02	U	0.02	U	0.02	U
Aroclor 1248	~	~	0.2		0.2		0.02	U
Aroclor 1254	~	~	0.02	U	0.02	U	0.7	
Aroclor 1260	~	~	0.2		0.1		0.6	
Total PCBs	1	3.2	0.4		0.3		**1.2**	

Notes: any exceedances are color coded by regulation. Mg/kg=milligrams per kilogram.
Q is the qualifier column, where D=result is from an analysis that required a dilution, J=analyte detected at or above the method detection limit (MDL) but below the reporting limit – data is estimated, NT=analyte was not a target of this analysis, P=indicates there was a percent difference for detected concentrations that exceed the MDLs between the two gas chromatograph columns used for analysis, and U=analyte not detected at or above the level indicated.

Table IV – 286 Richmond Valley Road Landscaping Analytical Results

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Commercial SCOs	NYSDEC Part 375 Protection of GW SCOs	SB-14_4 in_Top Soil 10/22/2024 Soil		SB-17_2 in_Mulch 10/22/2024 Soil	
Compound			Result	Q	Result	Q
VOCs, 8260	mg/Kg	mg/Kg	mg/Kg		mg/Kg	
Dilution Factor			1		1	
1,1,1,2-Tetrachloroethane	~	~	0.004	U	0.01	U
1,1,1-Trichloroethane	500	0.68	0.004	U	0.01	U
1,1,2,2-Tetrachloroethane	~	~	0.004	U	0.01	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	~	~	0.004	U	0.01	U
1,1,2-Trichloroethane	~	~	0.004	U	0.01	U
1,1-Dichloroethane	240	0.27	0.004	U	0.01	U
1,1-Dichloroethylene	500	0.33	0.004	U	0.01	U
1,2,3-Trichlorobenzene	~	~	0.004	U	0.01	U
1,2,3-Trichloropropane	~	~	0.004	U	0.01	U
1,2,4-Trichlorobenzene	~	~	0.004	U	0.01	U
1,2,4-Trimethylbenzene	190	3.6	0.004	U	0.01	U
1,2-Dibromo-3-chloropropane	~	~	0.004	U	0.01	U
1,2-Dibromoethane	~	~	0.004	U	0.01	U
1,2-Dichlorobenzene	500	1.1	0.004	U	0.01	U
1,2-Dichloroethane	30	0.02	0.004	U	0.01	U
1,2-Dichloropropane	~	~	0.004	U	0.01	U
1,3,5-Trimethylbenzene	190	8.4	0.004	U	0.01	U
1,3-Dichlorobenzene	280	2.4	0.004	U	0.01	U
1,4-Dichlorobenzene	130	1.8	0.004	U	0.01	U
1,4-Dioxane	130	0.1	0.083	U	**0.23**	U
2-Butanone	500	0.12	0.004	U	0.01	U
2-Hexanone	~	~	0.004	U	0.01	U
4-Methyl-2-pentanone	~	~	0.004	U	0.01	U
Acetone	500	0.05	0.02		0.04	J
Acrolein	~	~	0.008	U	0.02	U
Acrylonitrile	~	~	0.004	U	0.01	U
Benzene	44	0.06	0.004	U	0.01	U
Bromochloromethane	~	~	0.004	U	0.01	U
Bromodichloromethane	~	~	0.004	U	0.01	U
Bromoform	~	~	0.004	U	0.01	U
Bromomethane	~	~	0.004	U	0.01	U
Carbon disulfide	~	~	0.004	U	0.01	U
Carbon tetrachloride	22	0.76	0.004	U	0.01	U
Chlorobenzene	500	1.1	0.004	U	0.01	U

Table IV – 286 Richmond Valley Road Landscaping Analytical Results (continued)

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Commercial SCOs	NYSDEC Part 375 Protection of GW SCOs	SB-14_4 in_Top Soil 10/22/2024 Soil		SB-17_2 in_Mulch 10/22/2024 Soil	
Compound			Result	Q	Result	Q
VOCs, 8260	mg/Kg	mg/Kg	mg/Kg		mg/Kg	
Chloroethane	~	~	0.004	U	0.01	U
Chloroform	350	0.37	0.004	U	0.01	U
Chloromethane	~	~	0.004	U	0.01	U
cis-1,2-Dichloroethylene	500	0.25	0.004	U	0.01	U
cis-1,3-Dichloropropylene	~	~	0.004	U	0.01	U
Cyclohexane	~	~	0.004	U	0.01	U
Dibromochloromethane	~	~	0.004	U	0.01	U
Dibromomethane	~	~	0.004	U	0.01	U
Dichlorodifluoromethane	~	~	0.004	U	0.01	U
Ethyl Benzene	390	1	0.004	U	0.01	U
Hexachlorobutadiene	~	~	0.004	U	0.01	U
Isopropylbenzene	~	~	0.004	U	0.01	U
Methyl acetate	~	~	0.004	U	0.01	U
Methyl tert-butyl ether (MTBE)	500	0.93	0.004	U	0.01	U
Methylcyclohexane	~	~	0.004	U	0.01	U
Methylene chloride	500	0.05	0.008	U	0.02	U
n-Butylbenzene	500	12	0.004	U	0.01	U
n-Propylbenzene	500	3.9	0.004	U	0.01	U
o-Xylene	~	~	0.004	U	0.01	U
p- & m- Xylenes	~	~	0.008	U	0.02	U
p-Isopropyltoluene	~	~	0.004	U	0.01	U
sec-Butylbenzene	500	11	0.004	U	0.01	U
Styrene	~	~	0.004	U	0.01	U
tert-Butyl alcohol (TBA)	~	~	0.004	U	0.01	U
tert-Butylbenzene	500	5.9	0.004	U	0.01	U
Tetrachloroethylene	150	1.3	0.004	U	0.01	U
Toluene	500	0.7	0.004	U	0.01	U
trans-1,2-Dichloroethylene	500	0.19	0.004	U	0.01	U
trans-1,3-Dichloropropylene	~	~	0.004	U	0.01	U
trans-1,4-dichloro-2-butene	~	~	0.004	U	0.01	U
Trichloroethylene	200	0.47	0.004	U	0.01	U
Trichlorofluoromethane	~	~	0.004	U	0.01	U
Vinyl Chloride	13	0.02	0.004	U	0.01	U
Xylenes, Total	500	1.6	0.01	U	0.04	U

Table IV – 286 Richmond Valley Road Landscaping Analytical Results (continued)

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Commercial SCOs	NYSDEC Part 375 Protection of GW SCOs	Richmond Composite Mulch 10/22/2024 Soil		Richmond Composite Top Soil 10/22/2024 Soil	
Compound			Result	Q	Result	Q
SVOCS, 8270	mg/Kg	mg/Kg	mg/Kg		mg/Kg	
Dilution Factor			2		2	
1,1-Biphenyl	~	~	0.05	U	0.04	U
1,2,4,5-Tetrachlorobenzene	~	~	0.1	U	0.1	U
1,2,4-Trichlorobenzene	~	~	0.05	U	0.04	U
1,2-Dichlorobenzene	500	1.1	0.05	U	0.04	U
1,2-Diphenylhydrazine (as Azobenzene)	~	~	0.05	U	0.04	U
1,3-Dichlorobenzene	280	2.4	0.05	U	0.04	U
1,4-Dichlorobenzene	130	1.8	0.05	U	0.04	U
2,3,4,6-Tetrachlorophenol	~	~	0.1	U	0.1	U
2,4,5-Trichlorophenol	~	~	0.05	U	0.04	U
2,4,6-Trichlorophenol	~	~	0.05	U	0.04	U
2,4-Dichlorophenol	~	~	0.05	U	0.04	U
2,4-Dimethylphenol	~	~	0.05	U	0.04	U
2,4-Dinitrophenol	~	~	0.1	U	0.1	U
2,4-Dinitrotoluene	~	~	0.05	U	0.04	U
2,6-Dinitrotoluene	~	~	0.05	U	0.04	U
2-Chloronaphthalene	~	~	0.05	U	0.04	U
2-Chlorophenol	~	~	0.05	U	0.04	U
2-Methylnaphthalene	~	~	0.05	U	0.04	U
2-Methylphenol	500	0.33	0.05	U	0.04	U
2-Nitroaniline	~	~	0.1	U	0.1	U
2-Nitrophenol	~	~	0.05	U	0.04	U
3- & 4-Methylphenols	500	0.33	0.05	U	0.04	U
3,3-Dichlorobenzidine	~	~	0.05	U	0.04	U
3-Nitroaniline	~	~	0.1	U	0.1	U
4,6-Dinitro-2-methylphenol	~	~	0.1	U	0.1	U
4-Bromophenyl phenyl ether	~	~	0.05	U	0.04	U
4-Chloro-3-methylphenol	~	~	0.05	U	0.04	U
4-Chloroaniline	~	~	0.05	U	0.04	U
4-Chlorophenyl phenyl ether	~	~	0.05	U	0.04	U
4-Nitroaniline	~	~	0.1	U	0.1	U
4-Nitrophenol	~	~	0.1	U	0.1	U
Acenaphthene	500	98	0.05	U	0.04	U
Acenaphthylene	500	107	0.05	U	0.04	U

Table IV – 286 Richmond Valley Road Landscaping Analytical Results (continued)

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Commercial SCOs	NYSDEC Part 375 Protection of GW SCOs	Richmond Composite Mulch 10/22/2024 Soil		Richmond Composite Top Soil 10/22/2024 Soil	
Compound			Result	Q	Result	Q
SVOCS, 8270	mg/Kg	mg/Kg	mg/Kg		mg/Kg	
Acetophenone	~	~	0.2	D	0.04	U
Aniline	~	~	0.2	U	0.2	U
Anthracene	500	1000	0.05	U	0.1	JD
Atrazine	~	~	0.05	U	0.04	U
Benzaldehyde	~	~	0.05	U	0.04	U
Benzidine	~	~	0.2	U	0.2	U
Benzo(a)anthracene	5.6	1	0.1	JD	0.2	D
Benzo(a)pyrene	1	22	0.05	U	0.1	D
Benzo(b)fluoranthene	5.6	1.7	0.1	JD	0.1	D
Benzo(g,h,i)perylene	500	1000	0.05	U	0.1	JD
Benzo(k)fluoranthene	56	1.7	0.05	U	0.1	D
Benzoic acid	~	~	1.1	D	0.04	U
Benzyl alcohol	~	~	0.05	U	0.04	U
Benzyl butyl phthalate	~	~	0.05	U	0.04	U
Bis(2-chloroethoxy)methane	~	~	0.05	U	0.04	U
Bis(2-chloroethyl)ether	~	~	0.05	U	0.04	U
Bis(2-chloroisopropyl)ether	~	~	0.05	U	0.04	U
Bis(2-ethylhexyl)phthalate	~	~	0.1	JD	0.2	D
Caprolactam	~	~	0.1	U	0.1	U
Carbazole	~	~	0.05	U	0.04	JD
Chrysene	56	1	0.1	JD	0.2	D
Dibenzo(a,h)anthracene	0.56	1000	0.05	U	0.04	U
Dibenzofuran	350	210	0.05	U	0.04	U
Diethyl phthalate	~	~	0.05	U	0.04	U
Dimethyl phthalate	~	~	0.05	U	0.04	U
Di-n-butyl phthalate	~	~	0.05	U	0.04	U
Di-n-octyl phthalate	~	~	0.05	U	0.04	U
Diphenylamine	~	~	0.1	U	0.1	U
Fluoranthene	500	1000	0.1	D	0.5	D
Fluorene	500	386	0.05	U	0.04	U
Hexachlorobenzene	6	3.2	0.05	U	0.04	U
Hexachlorobutadiene	~	~	0.05	U	0.04	U
Hexachlorocyclopentadiene	~	~	0.05	U	0.04	U
Hexachloroethane	~	~	0.05	U	0.04	U
Indeno(1,2,3-cd)pyrene	5.6	8.2	0.05	U	0.1	JD

Table IV – 286 Richmond Valley Road Landscaping Analytical Results (continued)

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Commercial SCOs	NYSDEC Part 375 Protection of GW SCOs	Richmond Composite Mulch 10/22/2024 Soil		Richmond Composite Top Soil 10/22/2024 Soil	
Compound			Result	Q	Result	Q
SVOCS, 8270	mg/Kg	mg/Kg	mg/Kg		mg/Kg	
Isophorone	~	~	0.05	U	0.04	U
Naphthalene	500	12	0.05	U	0.04	U
Nitrobenzene	~	~	0.05	U	0.04	U
N-Nitrosodimethylamine	~	~	0.05	U	0.04	U
N-nitroso-di-n-propylamine	~	~	0.05	U	0.04	U
N-Nitrosodiphenylamine	~	~	0.05	U	0.04	U
Pentachlorophenol	6.7	0.8	0.05	U	0.04	U
Phenanthrene	500	1000	0.05	U	0.2	D
Phenol	500	0.33	0.05	U	0.04	U
Pyrene	500	1000	0.1	D	0.3	D
Pesticides, 8081	mg/Kg	mg/Kg	mg/Kg		mg/Kg	
Dilution Factor			5		5	
4,4'-DDD	92	14	0.002	U	0.002	U
4,4'-DDE	62	17	0.002	U	0.002	U
4,4'-DDT	47	136	0.002	U	0.002	U
Aldrin	0.68	0.19	0.002	U	0.002	U
alpha-BHC	3.4	0.02	0.002	U	0.002	U
alpha-Chlordane	24	2.9	0.002	U	0.002	U
beta-BHC	3	0.09	0.002	U	0.002	U
Chlordane, total	~	~	0.04	U	0.03	U
delta-BHC	500	0.25	0.002	U	0.002	U
Dieldrin	1.4	0.1	0.002	U	0.002	U
Endosulfan I	200	102	0.002	U	0.002	U
Endosulfan II	200	102	0.002	U	0.002	U
Endosulfan sulfate	200	1000	0.002	U	0.002	U
Endrin	89	0.06	0.002	U	0.002	U
Endrin aldehyde	~	~	0.002	U	0.002	U
Endrin ketone	~	~	0.002	U	0.002	U
gamma-BHC (Lindane)	9.2	0.1	0.002	U	0.002	U
gamma-Chlordane	~	~	0.002	U	0.002	U
Heptachlor	15	0.38	0.002	U	0.002	U
Heptachlor epoxide	~	~	0.002	U	0.002	U
Methoxychlor	~	~	0.002	U	0.002	U
Toxaphene	~	~	0.2	U	0.2	U

Table IV – 286 Richmond Valley Road Landscaping Analytical Results (continued)

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Commercial SCOs	NYSDEC Part 375 Protection of GW SCOs	Richmond Composite Mulch 10/22/2024 Soil		Richmond Composite Top Soil 10/22/2024 Soil	
Compound			Result	Q	Result	Q
Metals, TAL	mg/Kg	mg/Kg	mg/Kg		mg/Kg	
Dilution Factor			1		1	
Aluminum	~	~	6,690		11,300	
Antimony	~	~	2.5	U	2.2	U
Arsenic	16	16	7.7		7.6	
Barium	400	820	53		49	
Beryllium	590	47	0.4		0.6	
Cadmium	9.3	7.5	0.3		0.3	U
Calcium	~	~	6,190		1,560	
Chromium	~	~	16.600		20.600	
Cobalt	~	~	4.3		6.1	
Copper	270	1720	141		118	
Iron	~	~	11,500		22,400	
Lead	1000	450	103		89.300	
Magnesium	~	~	2,640		2,240	
Manganese	10000	2000	180		169	
Nickel	310	130	11		14.600	
Potassium	~	~	957		1,140	
Selenium	1500	4	2.5	U	2.2	U
Silver	1500	8.3	0.5	U	0.4	U
Sodium	~	~	144		104	
Thallium	~	~	2.5	U	2.2	U
Vanadium	~	~	20		31	
Zinc	10000	2480	449		132	
Mercury	2.8	0.73	0.2		0.2	
Herbicides, TAL	mg/Kg	mg/Kg	mg/Kg		mg/Kg	
Dilution Factor			1		1	
2,4,5-T	~	~	0.02	U	0.02	U
2,4,5-TP (Silvex)	500	3.8	0.02	U	0.02	U
2,4-D	~	~	0.02	U	0.02	U

Table IV – 286 Richmond Valley Road Landscaping Analytical Results (continued)

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Commercial SCOs	NYSDEC Part 375 Protection of GW SCOs	Richmond Composite Mulch 10/22/2024 Soil		Richmond Composite Top Soil 10/22/2024 Soil	
Compound			Result	Q	Result	Q
PCBs, 8082	mg/Kg	mg/Kg	mg/Kg		mg/Kg	
Dilution Factor			1		1	
Aroclor 1016	~	~	0.02	U	0.02	U
Aroclor 1221	~	~	0.02	U	0.02	U
Aroclor 1232	~	~	0.02	U	0.02	U
Aroclor 1242	~	~	0.02	U	0.02	U
Aroclor 1248	~	~	0.02	U	0.02	U
Aroclor 1254	~	~	0.02	U	0.02	U
Aroclor 1260	~	~	0.02	U	0.02	U
Total PCBs	1	3.2	0.02	U	0.02	U

Notes: any exceedances are color coded by regulation. Mg/kg=milligrams per kilogram.
Q is the qualifier column, where D=result is from an analysis that required a dilution, J=analyte detected at or above the method detection limit (MDL) but below the reporting limit – data is estimated, NT=analyte was not a target of this analysis, P=indicates there was a percent difference for detected concentrations that exceed the MDLs between the two gas chromatograph columns used for analysis, and U=analyte not detected at or above the level indicated.

Table V – 286 Richmond Valley Road Identified Contamination Analytical Results

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Commercial SCOs	NYSDEC Part 375 Protection of GW SCOs	SB-15_3 ft 10/22/2024 Soil	
Compound			Result	Q
VOCs, 8260	mg/Kg	mg/Kg	mg/Kg	
Dilution Factor			1	
1,1,1,2-Tetrachloroethane	~	~	0.003	U
1,1,1-Trichloroethane	500	0.68	0.003	U
1,1,2,2-Tetrachloroethane	~	~	0.003	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	~	~	0.003	U
1,1,2-Trichloroethane	~	~	0.003	U
1,1-Dichloroethane	240	0.27	0.003	U
1,1-Dichloroethylene	500	0.33	0.003	U
1,2,3-Trichlorobenzene	~	~	0.003	U
1,2,3-Trichloropropane	~	~	0.003	U
1,2,4-Trichlorobenzene	~	~	0.003	U
1,2,4-Trimethylbenzene	190	3.6	0.003	U
1,2-Dibromo-3-chloropropane	~	~	0.003	U
1,2-Dibromoethane	~	~	0.003	U
1,2-Dichlorobenzene	500	1.1	0.003	U
1,2-Dichloroethane	30	0.02	0.003	U
1,2-Dichloropropane	~	~	0.003	U
1,3,5-Trimethylbenzene	190	8.4	0.003	U
1,3-Dichlorobenzene	280	2.4	0.003	U
1,4-Dichlorobenzene	130	1.8	0.003	U
1,4-Dioxane	130	0.1	0.05	U
2-Butanone	500	0.12	0.003	U
2-Hexanone	~	~	0.003	U
4-Methyl-2-pentanone	~	~	0.003	U
Acetone	500	0.05	0.005	U
Acrolein	~	~	0.005	U
Acrylonitrile	~	~	0.003	U
Benzene	44	0.06	0.003	U
Bromochloromethane	~	~	0.003	U
Bromodichloromethane	~	~	0.003	U
Bromoform	~	~	0.003	U
Bromomethane	~	~	0.003	U
Carbon disulfide	~	~	0.003	U
Carbon tetrachloride	22	0.76	0.003	U
Chlorobenzene	500	1.1	0.003	U

Table V – 286 Richmond Valley Road Identified Contamination Analytical Results (continued)

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Commercial SCOs	NYSDEC Part 375 Protection of GW SCOs	SB-15_3 ft 10/22/2024 Soil	
Compound			Result	Q
VOCs, 8260	mg/Kg	mg/Kg	mg/Kg	
Chloroethane	~	~	0.003	U
Chloroform	350	0.37	0.003	U
Chloromethane	~	~	0.003	U
cis-1,2-Dichloroethylene	500	0.25	0.003	U
cis-1,3-Dichloropropylene	~	~	0.003	U
Cyclohexane	~	~	0.003	U
Dibromochloromethane	~	~	0.003	U
Dibromomethane	~	~	0.003	U
Dichlorodifluoromethane	~	~	0.003	U
Ethyl Benzene	390	1	0.003	U
Hexachlorobutadiene	~	~	0.003	U
Isopropylbenzene	~	~	0.003	U
Methyl acetate	~	~	0.003	U
Methyl tert-butyl ether (MTBE)	500	0.93	0.003	U
Methylcyclohexane	~	~	0.003	U
Methylene chloride	500	0.05	0.005	U
n-Butylbenzene	500	12	0.003	U
n-Propylbenzene	500	3.9	0.003	U
o-Xylene	~	~	0.003	U
p- & m- Xylenes	~	~	0.005	U
p-Isopropyltoluene	~	~	0.003	U
sec-Butylbenzene	500	11	0.003	U
Styrene	~	~	0.003	U
tert-Butyl alcohol (TBA)	~	~	0.003	U
tert-Butylbenzene	500	5.9	0.003	U
Tetrachloroethylene	150	1.3	0.003	U
Toluene	500	0.7	0.003	U
trans-1,2-Dichloroethylene	500	0.19	0.003	U
trans-1,3-Dichloropropylene	~	~	0.003	U
trans-1,4-dichloro-2-butene	~	~	0.003	U
Trichloroethylene	200	0.47	0.003	U
Trichlorofluoromethane	~	~	0.003	U
Vinyl Chloride	13	0.02	0.003	U
Xylenes, Total	500	1.6	0.007	U

Table V – 286 Richmond Valley Road Identified Contamination Analytical Results (continued)

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Commercial SCOs	NYSDEC Part 375 Protection of GW SCOs	SB-15_3 ft 10/22/2024 Soil	
Compound			Result	Q
SVOCS, 8270	mg/Kg	mg/Kg	mg/Kg	
Dilution Factor			2	
1,1-Biphenyl	~	~	0.04	U
1,2,4,5-Tetrachlorobenzene	~	~	0.08	U
1,2,4-Trichlorobenzene	~	~	0.04	U
1,2-Dichlorobenzene	500	1.1	0.04	U
1,2-Diphenylhydrazine (as Azobenzene)	~	~	0.04	U
1,3-Dichlorobenzene	280	2.4	0.04	U
1,4-Dichlorobenzene	130	1.8	0.04	U
2,3,4,6-Tetrachlorophenol	~	~	0.08	U
2,4,5-Trichlorophenol	~	~	0.04	U
2,4,6-Trichlorophenol	~	~	0.04	U
2,4-Dichlorophenol	~	~	0.04	U
2,4-Dimethylphenol	~	~	0.04	U
2,4-Dinitrophenol	~	~	0.08	U
2,4-Dinitrotoluene	~	~	0.04	U
2,6-Dinitrotoluene	~	~	0.04	U
2-Chloronaphthalene	~	~	0.04	U
2-Chlorophenol	~	~	0.04	U
2-Methylnaphthalene	~	~	0.04	U
2-Methylphenol	500	0.33	0.04	U
2-Nitroaniline	~	~	0.08	U
2-Nitrophenol	~	~	0.04	U
3- & 4-Methylphenols	500	0.33	0.04	U
3,3-Dichlorobenzidine	~	~	0.04	U
3-Nitroaniline	~	~	0.08	U
4,6-Dinitro-2-methylphenol	~	~	0.08	U
4-Bromophenyl phenyl ether	~	~	0.04	U
4-Chloro-3-methylphenol	~	~	0.04	U
4-Chloroaniline	~	~	0.04	U
4-Chlorophenyl phenyl ether	~	~	0.04	U
4-Nitroaniline	~	~	0.08	U
4-Nitrophenol	~	~	0.08	U
Acenaphthene	500	98	0.04	U
Acenaphthylene	500	107	0.3	D
Acetophenone	~	~	0.04	U

Table V – 286 Richmond Valley Road Identified Contamination Analytical Results (continued)

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Commercial SCOs	NYSDEC Part 375 Protection of GW SCOs	SB-15_3 ft 10/22/2024 Soil	
Compound			Result	Q
SVOCS, 8270	mg/Kg	mg/Kg	mg/Kg	
Aniline	~	~	0.2	U
Anthracene	500	1000	0.1	D
Atrazine	~	~	0.04	U
Benzaldehyde	~	~	0.04	JD
Benzidine	~	~	0.2	U
Benzo(a)anthracene	5.6	1	0.3	D
Benzo(a)pyrene	1	22	0.08	JD
Benzo(b)fluoranthene	5.6	1.7	0.3	D
Benzo(g,h,i)perylene	500	1000	0.2	D
Benzo(k)fluoranthene	56	1.7	0.3	D
Benzoic acid	~	~	0.04	U
Benzyl alcohol	~	~	0.04	U
Benzyl butyl phthalate	~	~	0.04	U
Bis(2-chloroethoxy)methane	~	~	0.04	U
Bis(2-chloroethyl)ether	~	~	0.04	U
Bis(2-chloroisopropyl)ether	~	~	0.04	U
Bis(2-ethylhexyl)phthalate	~	~	0.04	U
Caprolactam	~	~	0.08	U
Carbazole	~	~	0.04	U
Chrysene	56	1	0.3	D
Dibenzo(a,h)anthracene	0.56	1000	0.06	JD
Dibenzofuran	350	210	0.04	U
Diethyl phthalate	~	~	0.04	U
Dimethyl phthalate	~	~	0.04	U
Di-n-butyl phthalate	~	~	0.04	U
Di-n-octyl phthalate	~	~	0.04	U
Diphenylamine	~	~	0.08	U
Fluoranthene	500	1000	0.7	D
Fluorene	500	386	0.04	U
Hexachlorobenzene	6	3.2	0.04	U
Hexachlorobutadiene	~	~	0.04	U
Hexachlorocyclopentadiene	~	~	0.04	U
Hexachloroethane	~	~	0.04	U
Indeno(1,2,3-cd)pyrene	5.6	8.2	0.2	D
Isophorone	~	~	0.04	U
Naphthalene	500	12	0.04	U

Table V – 286 Richmond Valley Road Identified Contamination Analytical Results (continued)

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Commercial SCOs	NYSDEC Part 375 Protection of GW SCOs	SB-15_3 ft 10/22/2024 Soil	
Compound			Result	Q
SVOCS, 8270	mg/Kg	mg/Kg	mg/Kg	
Nitrobenzene	~	~	0.04	U
N-Nitrosodimethylamine	~	~	0.04	U
N-nitroso-di-n-propylamine	~	~	0.04	U
N-Nitrosodiphenylamine	~	~	0.04	U
Pentachlorophenol	6.7	0.8	0.04	U
Phenanthrene	500	1000	0.2	D
Phenol	500	0.33	0.04	U
Pyrene	500	1000	0.5	D
Pesticides, 8081	mg/Kg	mg/Kg	mg/Kg	
Dilution Factor			5	
4,4'-DDD	92	14	0.002	U
4,4'-DDE	62	17	0.002	U
4,4'-DDT	47	136	0.002	U
Aldrin	0.68	0.19	0.002	U
alpha-BHC	3.4	0.02	0.002	U
alpha-Chlordane	24	2.9	0.002	U
beta-BHC	3	0.09	0.002	U
Chlordane, total	~	~	0.034	U
delta-BHC	500	0.25	0.002	U
Dieldrin	1.4	0.1	0.002	U
Endosulfan I	200	102	0.002	U
Endosulfan II	200	102	0.002	U
Endosulfan sulfate	200	1000	0.002	U
Endrin	89	0.06	0.002	U
Endrin aldehyde	~	~	0.002	U
Endrin ketone	~	~	0.002	U
gamma-BHC (Lindane)	9.2	0.1	0.002	U
gamma-Chlordane	~	~	0.002	U
Heptachlor	15	0.38	0.002	U
Heptachlor epoxide	~	~	0.002	U
Methoxychlor	~	~	0.002	U
Toxaphene	~	~	0.2	U

Table V – 286 Richmond Valley Road Identified Contamination Analytical Results (continued)

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Commercial SCOs	NYSDEC Part 375 Protection of GW SCOs	SB-15_3 ft 10/22/2024 Soil	
Compound			Result	Q
Metals, TAL	mg/Kg	mg/Kg	mg/Kg	
Dilution Factor			50	
Aluminum	~	~	32,100	
Antimony	~	~	15	
Arsenic	16	16	5.8	
Barium	400	820	**784**	
Beryllium	590	47	27	
Cadmium	9.3	7.5	0.3	U
Calcium	~	~	36,900	
Chromium	~	~	161	
Cobalt	~	~	99	
Copper	270	1720	**29,700**	D
Iron	~	~	224,000	D
Lead	1000	450	**6,480**	
Magnesium	~	~	5,340	
Manganese	10000	2000	**2,110**	
Nickel	310	130	**487**	
Potassium	~	~	1,960	
Selenium	1500	4	**4.3**	
Silver	1500	8.3	2.7	
Sodium	~	~	21,200	
Thallium	~	~	2.2	U
Vanadium	~	~	46.300	
Zinc	10000	2480	**71,600**	D
Mercury	2.8	0.73	0.1	
Herbicides, TAL	mg/Kg	mg/Kg	mg/Kg	
Dilution Factor			1	
2,4,5-T	~	~	0.02	U
2,4,5-TP (Silvex)	500	3.8	0.02	U
2,4-D	~	~	0.02	U

Table V – 286 Richmond Valley Road Identified Contamination Analytical Results (continued)

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Commercial SCOs	NYSDEC Part 375 Protection of GW SCOs	SB-15_3 ft 10/22/2024 Soil	
Compound			Result	Q
PCBs, 8082	mg/Kg	mg/Kg	mg/Kg	
Dilution Factor			1	
Aroclor 1016	~	~	0.02	U
Aroclor 1221	~	~	0.02	U
Aroclor 1232	~	~	0.02	U
Aroclor 1242	~	~	0.02	U
Aroclor 1248	~	~	0.02	U
Aroclor 1254	~	~	0.02	U
Aroclor 1260	~	~	0.02	U
Total PCBs	1	3.2	0.02	U

Notes: any exceedances are color coded by regulation. Mg/kg=milligrams per kilogram.
Q is the qualifier column, where D=result is from an analysis that required a dilution, J=analyte detected at or above the method detection limit (MDL) but below the reporting limit – data is estimated, NT=analyte was not a target of this analysis, P=indicates there was a percent difference for detected concentrations that exceed the MDLs between the two gas chromatograph columns used for analysis, and U=analyte not detected at or above the level indicated.

Table VII – 286 Richmond Valley Road Imported Patio Fill Analytical Results

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Commercial SCOs	NYSDEC Part 375 Protection of GW SCOs	SB-19_2 in-16 in 10/22/2024 Soil	
Compound			Result	Q
VOCs, 8260	mg/Kg	mg/Kg	mg/Kg	
Dilution Factor			1	
1,1,1,2-Tetrachloroethane	~	~	0.003	U
1,1,1-Trichloroethane	500	0.68	0.003	U
1,1,2,2-Tetrachloroethane	~	~	0.003	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	~	~	0.003	U
1,1,2-Trichloroethane	~	~	0.003	U
1,1-Dichloroethane	240	0.27	0.003	U
1,1-Dichloroethylene	500	0.33	0.003	U
1,2,3-Trichlorobenzene	~	~	0.003	U
1,2,3-Trichloropropane	~	~	0.003	U
1,2,4-Trichlorobenzene	~	~	0.003	U
1,2,4-Trimethylbenzene	190	3.6	0.003	U
1,2-Dibromo-3-chloropropane	~	~	0.003	U
1,2-Dibromoethane	~	~	0.003	U
1,2-Dichlorobenzene	500	1.1	0.003	U
1,2-Dichloroethane	30	0.02	0.003	U
1,2-Dichloropropane	~	~	0.003	U
1,3,5-Trimethylbenzene	190	8.4	0.003	U
1,3-Dichlorobenzene	280	2.4	0.003	U
1,4-Dichlorobenzene	130	1.8	0.003	U
1,4-Dioxane	130	0.1	0.06	U
2-Butanone	500	0.12	0.003	U
2-Hexanone	~	~	0.003	U
4-Methyl-2-pentanone	~	~	0.003	U
Acetone	500	0.05	0.006	U
Acrolein	~	~	0.006	U
Acrylonitrile	~	~	0.003	U
Benzene	44	0.06	0.003	U
Bromochloromethane	~	~	0.003	U
Bromodichloromethane	~	~	0.003	U
Bromoform	~	~	0.003	U
Bromomethane	~	~	0.003	U
Carbon disulfide	~	~	0.003	U
Carbon tetrachloride	22	0.76	0.003	U
Chlorobenzene	500	1.1	0.003	U

Table VII – 286 Richmond Valley Road Imported Patio Fill Analytical Results (continued)

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Commercial SCOs	NYSDEC Part 375 Protection of GW SCOs	SB-19_2 in-16 in 10/22/2024 Soil	
Compound			Result	Q
VOCs, 8260	mg/Kg	mg/Kg	mg/Kg	
Chloroethane	~	~	0.003	U
Chloroform	350	0.37	0.003	U
Chloromethane	~	~	0.003	U
cis-1,2-Dichloroethylene	500	0.25	0.003	U
cis-1,3-Dichloropropylene	~	~	0.003	U
Cyclohexane	~	~	0.003	U
Dibromochloromethane	~	~	0.003	U
Dibromomethane	~	~	0.003	U
Dichlorodifluoromethane	~	~	0.003	U
Ethyl Benzene	390	1	0.003	U
Hexachlorobutadiene	~	~	0.003	U
Isopropylbenzene	~	~	0.003	U
Methyl acetate	~	~	0.003	U
Methyl tert-butyl ether (MTBE)	500	0.93	0.003	U
Methylcyclohexane	~	~	0.003	U
Methylene chloride	500	0.05	0.006	U
n-Butylbenzene	500	12	0.003	U
n-Propylbenzene	500	3.9	0.003	U
o-Xylene	~	~	0.003	U
p- & m- Xylenes	~	~	0.006	U
p-Isopropyltoluene	~	~	0.003	U
sec-Butylbenzene	500	11	0.003	U
Styrene	~	~	0.003	U
tert-Butyl alcohol (TBA)	~	~	0.003	U
tert-Butylbenzene	500	5.9	0.003	U
Tetrachloroethylene	150	1.3	0.003	U
Toluene	500	0.7	0.003	U
trans-1,2-Dichloroethylene	500	0.19	0.003	U
trans-1,3-Dichloropropylene	~	~	0.003	U
trans-1,4-dichloro-2-butene	~	~	0.003	U
Trichloroethylene	200	0.47	0.003	U
Trichlorofluoromethane	~	~	0.003	U
Vinyl Chloride	13	0.02	0.003	U
Xylenes, Total	500	1.6	0.009	U

Table VII – 286 Richmond Valley Road Imported Patio Fill Analytical Results (continued)

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Commercial SCOs	NYSDEC Part 375 Protection of GW SCOs	SB-19_2 in-16 in 10/22/2024 Soil	
Compound			Result	Q
SVOCS, 8270	mg/Kg	mg/Kg	mg/Kg	
Dilution Factor			2	
1,1-Biphenyl	~	~	0.05	U
1,2,4,5-Tetrachlorobenzene	~	~	0.1	U
1,2,4-Trichlorobenzene	~	~	0.05	U
1,2-Dichlorobenzene	500	1.1	0.05	U
1,2-Diphenylhydrazine (as Azobenzene)	~	~	0.05	U
1,3-Dichlorobenzene	280	2.4	0.05	U
1,4-Dichlorobenzene	130	1.8	0.05	U
2,3,4,6-Tetrachlorophenol	~	~	0.1	U
2,4,5-Trichlorophenol	~	~	0.05	U
2,4,6-Trichlorophenol	~	~	0.05	U
2,4-Dichlorophenol	~	~	0.05	U
2,4-Dimethylphenol	~	~	0.05	U
2,4-Dinitrophenol	~	~	0.1	U
2,4-Dinitrotoluene	~	~	0.05	U
2,6-Dinitrotoluene	~	~	0.05	U
2-Chloronaphthalene	~	~	0.05	U
2-Chlorophenol	~	~	0.05	U
2-Methylnaphthalene	~	~	0.05	U
2-Methylphenol	500	0.33	0.05	U
2-Nitroaniline	~	~	0.1	U
2-Nitrophenol	~	~	0.05	U
3- & 4-Methylphenols	500	0.33	0.05	U
3,3-Dichlorobenzidine	~	~	0.05	U
3-Nitroaniline	~	~	0.1	U
4,6-Dinitro-2-methylphenol	~	~	0.1	U
4-Bromophenyl phenyl ether	~	~	0.05	U
4-Chloro-3-methylphenol	~	~	0.05	U
4-Chloroaniline	~	~	0.05	U
4-Chlorophenyl phenyl ether	~	~	0.05	U
4-Nitroaniline	~	~	0.1	U
4-Nitrophenol	~	~	0.1	U
Acenaphthene	500	98	0.05	U
Acenaphthylene	500	107	0.1	D
Acetophenone	~	~	0.05	U

Table VII – 286 Richmond Valley Road Imported Patio Fill Analytical Results (continued)

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Commercial SCOs	NYSDEC Part 375 Protection of GW SCOs	SB-19_2 in-16 in 10/22/2024 Soil	
Compound			Result	Q
SVOCS, 8270	mg/Kg	mg/Kg	mg/Kg	
Aniline	~	~	0.2	U
Anthracene	500	1000	0.1	D
Atrazine	~	~	0.05	U
Benzaldehyde	~	~	0.05	U
Benzidine	~	~	0.2	U
Benzo(a)anthracene	5.6	1	0.3	D
Benzo(a)pyrene	1	22	0.1	JD
Benzo(b)fluoranthene	5.6	1.7	0.2	D
Benzo(g,h,i)perylene	500	1000	0.1	D
Benzo(k)fluoranthene	56	1.7	0.2	D
Benzoic acid	~	~	0.05	U
Benzyl alcohol	~	~	0.05	U
Benzyl butyl phthalate	~	~	0.05	U
Bis(2-chloroethoxy)methane	~	~	0.05	U
Bis(2-chloroethyl)ether	~	~	0.05	U
Bis(2-chloroisopropyl)ether	~	~	0.05	U
Bis(2-ethylhexyl)phthalate	~	~	0.05	U
Caprolactam	~	~	0.1	U
Carbazole	~	~	0.05	U
Chrysene	56	1	0.3	D
Dibenzo(a,h)anthracene	0.56	1000	0.05	U
Dibenzofuran	350	210	0.05	U
Diethyl phthalate	~	~	0.05	U
Dimethyl phthalate	~	~	0.05	U
Di-n-butyl phthalate	~	~	0.05	U
Di-n-octyl phthalate	~	~	0.05	U
Diphenylamine	~	~	0.1	U
Fluoranthene	500	1000	0.8	D
Fluorene	500	386	0.05	U
Hexachlorobenzene	6	3.2	0.05	U
Hexachlorobutadiene	~	~	0.05	U
Hexachlorocyclopentadiene	~	~	0.05	U
Hexachloroethane	~	~	0.05	U
Indeno(1,2,3-cd)pyrene	5.6	8.2	0.1	D
Isophorone	~	~	0.05	U
Naphthalene	500	12	0.05	U

Table VII – 286 Richmond Valley Road Imported Patio Fill Analytical Results (continued)

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Commercial SCOs	NYSDEC Part 375 Protection of GW SCOs	SB-19_2 in-16 in 10/22/2024 Soil	
Compound			Result	Q
SVOCS, 8270	mg/Kg	mg/Kg	mg/Kg	
Nitrobenzene	~	~	0.05	U
N-Nitrosodimethylamine	~	~	0.05	U
N-nitroso-di-n-propylamine	~	~	0.05	U
N-Nitrosodiphenylamine	~	~	0.05	U
Pentachlorophenol	6.7	0.8	0.05	U
Phenanthrene	500	1000	0.2	D
Phenol	500	0.33	0.05	U
Pyrene	500	1000	0.6	D
Pesticides, 8081	mg/Kg	mg/Kg	mg/Kg	
Dilution Factor			5	
4,4'-DDD	92	14	0.002	U
4,4'-DDE	62	17	0.01	D
4,4'-DDT	47	136	0.003	D
Aldrin	0.68	0.19	0.002	U
alpha-BHC	3.4	0.02	0.002	U
alpha-Chlordane	24	2.9	0.01	D
beta-BHC	3	0.09	0.002	U
Chlordane, total	~	~	0.1	D
delta-BHC	500	0.25	0.002	U
Dieldrin	1.4	0.1	0.002	D
Endosulfan I	200	102	0.002	U
Endosulfan II	200	102	0.002	U
Endosulfan sulfate	200	1000	0.002	U
Endrin	89	0.06	0.002	U
Endrin aldehyde	~	~	0.002	U
Endrin ketone	~	~	0.002	U
gamma-BHC (Lindane)	9.2	0.1	0.002	U
gamma-Chlordane	~	~	0.02	D
Heptachlor	15	0.38	0.002	U
Heptachlor epoxide [2C]	~	~	0.002	U
Methoxychlor	~	~	0.002	U
Toxaphene	~	~	0.2	U

Table VII – 286 Richmond Valley Road Imported Patio Fill Analytical Results (continued)

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Commercial SCOs	NYSDEC Part 375 Protection of GW SCOs	SB-19_2 in-16 in 10/22/2024 Soil	
Compound			Result	Q
Metals, TAL	mg/Kg	mg/Kg	mg/Kg	
Dilution Factor			1	
Aluminum	~	~	9,230	
Antimony	~	~	2.4	U
Arsenic	16	16	3.8	
Barium	400	820	51	
Beryllium	590	47	0.3	
Cadmium	9.3	7.5	0.3	U
Calcium	~	~	74,600	
Chromium	~	~	16.400	
Cobalt	~	~	6.0	
Copper	270	1720	32	
Iron	~	~	12,700	
Lead	1000	450	26	
Magnesium	~	~	21,000	
Manganese	10000	2000	209	
Nickel	310	130	20	
Potassium	~	~	1,070	
Selenium	1500	4	2.4	U
Silver	1500	8.3	0.5	U
Sodium	~	~	350	
Thallium	~	~	2.4	U
Vanadium	~	~	27	
Zinc	10000	2480	44	
Mercury	2.8	0.73	0.05	
Herbicides, TAL	mg/Kg	mg/Kg	mg/Kg	
Dilution Factor			1	
2,4,5-T	~	~	0.02	U
2,4,5-TP (Silvex)	500	3.8	0.02	U
2,4-D	~	~	0.02	U

Table VII – 286 Richmond Valley Road Imported Patio Fill Analytical Results (continued)

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Commercial SCOs	NYSDEC Part 375 Protection of GW SCOs	SB-19_2 in-16 in 10/22/2024 Soil	
Compound			Result	Q
PCBs, 8082	mg/Kg	mg/Kg	mg/Kg	
Dilution Factor			1	
Aroclor 1016	~	~	0.02	U
Aroclor 1221	~	~	0.02	U
Aroclor 1232	~	~	0.02	U
Aroclor 1242	~	~	0.02	U
Aroclor 1248	~	~	0.02	U
Aroclor 1254	~	~	0.02	U
Aroclor 1260	~	~	0.02	U
Total PCBs	1	3.2	0.02	U

Notes: any exceedances are color coded by regulation. Mg/kg=milligrams per kilogram.
Q is the qualifier column, where D=result is from an analysis that required a dilution, J=analyte detected at or above the method detection limit (MDL) but below the reporting limit – data is estimated, NT=analyte was not a target of this analysis, P=indicates there was a percent difference for detected concentrations that exceed the MDLs between the two gas chromatograph columns used for analysis, and U=analyte not detected at or above the level indicated.

Table VII – 286 Richmond Valley Road Imported Gully Fill Analytical Results

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Commercial SCOs	NYSDEC Part 375 Protection of GW SCOs	SB-23_4 in-6 ft 10/22/2024 Soil	
Compound			Result	Q
VOCs, 8260	mg/Kg	mg/Kg	mg/Kg	
Dilution Factor			1	
1,1,1,2-Tetrachloroethane	~	~	0.003	U
1,1,1-Trichloroethane	500	0.68	0.003	U
1,1,2,2-Tetrachloroethane	~	~	0.003	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	~	~	0.003	U
1,1,2-Trichloroethane	~	~	0.003	U
1,1-Dichloroethane	240	0.27	0.003	U
1,1-Dichloroethylene	500	0.33	0.003	U
1,2,3-Trichlorobenzene	~	~	0.003	U
1,2,3-Trichloropropane	~	~	0.003	U
1,2,4-Trichlorobenzene	~	~	0.003	U
1,2,4-Trimethylbenzene	190	3.6	0.003	U
1,2-Dibromo-3-chloropropane	~	~	0.003	U
1,2-Dibromoethane	~	~	0.003	U
1,2-Dichlorobenzene	500	1.1	0.003	U
1,2-Dichloroethane	30	0.02	0.003	U
1,2-Dichloropropane	~	~	0.003	U
1,3,5-Trimethylbenzene	190	8.4	0.003	U
1,3-Dichlorobenzene	280	2.4	0.003	U
1,4-Dichlorobenzene	130	1.8	0.003	U
1,4-Dioxane	130	0.1	0.05	U
2-Butanone	500	0.12	0.003	U
2-Hexanone	~	~	0.003	U
4-Methyl-2-pentanone	~	~	0.003	U
Acetone	500	0.05	0.005	U
Acrolein	~	~	0.005	U
Acrylonitrile	~	~	0.003	U
Benzene	44	0.06	0.003	U
Bromochloromethane	~	~	0.003	U
Bromodichloromethane	~	~	0.003	U
Bromoform	~	~	0.003	U
Bromomethane	~	~	0.003	U
Carbon disulfide	~	~	0.003	U
Carbon tetrachloride	22	0.76	0.003	U
Chlorobenzene	500	1.1	0.003	U
Chloroethane	~	~	0.003	U

Table VII – 286 Richmond Valley Road Imported Gully Fill Analytical Results (continued)

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Commercial SCOs	NYSDEC Part 375 Protection of GW SCOs	SB-23_4 in-6 ft 10/22/2024 Soil	
Compound			Result	Q
VOCs, 8260	mg/Kg	mg/Kg	mg/Kg	
Chloroform	350	0.37	0.003	U
Chloromethane	~	~	0.003	U
cis-1,2-Dichloroethylene	500	0.25	0.003	U
cis-1,3-Dichloropropylene	~	~	0.003	U
Cyclohexane	~	~	0.003	U
Dibromochloromethane	~	~	0.003	U
Dibromomethane	~	~	0.003	U
Dichlorodifluoromethane	~	~	0.003	U
Ethyl Benzene	390	1	0.003	U
Hexachlorobutadiene	~	~	0.003	U
Isopropylbenzene	~	~	0.003	U
Methyl acetate	~	~	0.003	U
Methyl tert-butyl ether (MTBE)	500	0.93	0.003	U
Methylcyclohexane	~	~	0.003	U
Methylene chloride	500	0.05	0.005	U
n-Butylbenzene	500	12	0.003	U
n-Propylbenzene	500	3.9	0.003	U
o-Xylene	~	~	0.003	U
p- & m- Xylenes	~	~	0.005	U
p-Isopropyltoluene	~	~	0.003	U
sec-Butylbenzene	500	11	0.003	U
Styrene	~	~	0.003	U
tert-Butyl alcohol (TBA)	~	~	0.003	U
tert-Butylbenzene	500	5.9	0.003	U
Tetrachloroethylene	150	1.3	0.003	U
Toluene	500	0.7	0.003	U
trans-1,2-Dichloroethylene	500	0.19	0.003	U
trans-1,3-Dichloropropylene	~	~	0.003	U
trans-1,4-dichloro-2-butene	~	~	0.003	U
Trichloroethylene	200	0.47	0.003	U
Trichlorofluoromethane	~	~	0.003	U
Vinyl Chloride	13	0.02	0.003	U
Xylenes, Total	500	1.6	0.008	U

Table VII – 286 Richmond Valley Road Imported Gully Fill Analytical Results (continued)

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Commercial SCOs	NYSDEC Part 375 Protection of GW SCOs	SB-23_4 in-6 ft 10/22/2024 Soil	
Compound			Result	Q
SVOCS, 8270	mg/Kg	mg/Kg	mg/Kg	
Dilution Factor			2	
1,1-Biphenyl	~	~	0.05	U
1,2,4,5-Tetrachlorobenzene	~	~	0.09	U
1,2,4-Trichlorobenzene	~	~	0.05	U
1,2-Dichlorobenzene	500	1.1	0.05	U
1,2-Diphenylhydrazine (as Azobenzene)	~	~	0.05	U
1,3-Dichlorobenzene	280	2.4	0.05	U
1,4-Dichlorobenzene	130	1.8	0.05	U
2,3,4,6-Tetrachlorophenol	~	~	0.09	U
2,4,5-Trichlorophenol	~	~	0.05	U
2,4,6-Trichlorophenol	~	~	0.05	U
2,4-Dichlorophenol	~	~	0.05	U
2,4-Dimethylphenol	~	~	0.05	U
2,4-Dinitrophenol	~	~	0.09	U
2,4-Dinitrotoluene	~	~	0.05	U
2,6-Dinitrotoluene	~	~	0.05	U
2-Chloronaphthalene	~	~	0.05	U
2-Chlorophenol	~	~	0.05	U
2-Methylnaphthalene	~	~	0.05	JD
2-Methylphenol	500	0.33	0.05	U
2-Nitroaniline	~	~	0.09	U
2-Nitrophenol	~	~	0.05	U
3- & 4-Methylphenols	500	0.33	0.05	U
3,3-Dichlorobenzidine	~	~	0.05	U
3-Nitroaniline	~	~	0.09	U
4,6-Dinitro-2-methylphenol	~	~	0.09	U
4-Bromophenyl phenyl ether	~	~	0.05	U
4-Chloro-3-methylphenol	~	~	0.05	U
4-Chloroaniline	~	~	0.05	U
4-Chlorophenyl phenyl ether	~	~	0.05	U
4-Nitroaniline	~	~	0.09	U
4-Nitrophenol	~	~	0.09	U
Acenaphthene	500	98	0.2	D
Acenaphthylene	500	107	0.2	D

Table VII – 286 Richmond Valley Road Imported Gully Fill Analytical Results (continued)

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Commercial SCOs	NYSDEC Part 375 Protection of GW SCOs	SB-23_4 in-6 ft 10/22/2024 Soil	
Compound			Result	Q
SVOCS, 8270	mg/Kg	mg/Kg	mg/Kg	
Acetophenone	~	~	0.05	U
Aniline	~	~	0.2	U
Anthracene	500	1000	0.4	D
Atrazine	~	~	0.05	U
Benzaldehyde	~	~	0.05	U
Benzidine	~	~	0.2	U
Benzo(a)anthracene	5.6	1	**1.4**	D
Benzo(a)pyrene	1	22	**1.1**	D
Benzo(b)fluoranthene	5.6	1.7	1.1	D
Benzo(g,h,i)perylene	500	1000	0.4	D
Benzo(k)fluoranthene	56	1.7	0.9	D
Benzoic acid	~	~	0.05	U
Benzyl alcohol	~	~	0.05	U
Benzyl butyl phthalate	~	~	0.05	U
Bis(2-chloroethoxy)methane	~	~	0.05	U
Bis(2-chloroethyl)ether	~	~	0.05	U
Bis(2-chloroisopropyl)ether	~	~	0.05	U
Bis(2-ethylhexyl)phthalate	~	~	0.05	U
Caprolactam	~	~	0.09	U
Carbazole	~	~	0.2	D
Chrysene	56	1	**1.5**	D
Dibenzo(a,h)anthracene	0.56	1000	0.2	D
Dibenzofuran	350	210	0.07	JD
Diethyl phthalate	~	~	0.05	U
Dimethyl phthalate	~	~	0.05	U
Di-n-butyl phthalate	~	~	0.05	U
Di-n-octyl phthalate	~	~	0.05	U
Diphenylamine	~	~	0.09	U
Fluoranthene	500	1000	2.5	D
Fluorene	500	386	0.2	D
Hexachlorobenzene	6	3.2	0.05	U
Hexachlorobutadiene	~	~	0.05	U
Hexachlorocyclopentadiene	~	~	0.05	U
Hexachloroethane	~	~	0.05	U
Indeno(1,2,3-cd)pyrene	5.6	8.2	0.5	D
Isophorone	~	~	0.05	U

Table VII – 286 Richmond Valley Road Imported Gully Fill Analytical Results (continued)

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Commercial SCOs	NYSDEC Part 375 Protection of GW SCOs	SB-23_4 in-6 ft 10/22/2024 Soil	
Compound			Result	Q
SVOCS, 8270	mg/Kg	mg/Kg	mg/Kg	
Naphthalene	500	12	0.05	U
Nitrobenzene	~	~	0.05	U
N-Nitrosodimethylamine	~	~	0.05	U
N-nitroso-di-n-propylamine	~	~	0.05	U
N-Nitrosodiphenylamine	~	~	0.05	U
Pentachlorophenol	6.7	0.8	0.05	U
Phenanthrene	500	1000	1.2	D
Phenol	500	0.33	0.05	U
Pyrene	500	1000	2.0	D
Pesticides, 8081	mg/Kg	mg/Kg	mg/Kg	
Dilution Factor			5	
4,4'-DDD	92	14	0.002	U
4,4'-DDE	62	17	0.002	U
4,4'-DDT	47	136	0.002	DP
Aldrin	0.68	0.19	0.002	U
alpha-BHC	3.4	0.02	0.002	U
alpha-Chlordane	24	2.9	0.002	U
beta-BHC	3	0.09	0.002	U
Chlordane, total	~	~	0.04	U
delta-BHC	500	0.25	0.002	U
Dieldrin	1.4	0.1	0.002	U
Endosulfan I	200	102	0.002	U
Endosulfan II	200	102	0.002	U
Endosulfan sulfate	200	1000	0.002	U
Endrin	89	0.06	0.002	U
Endrin aldehyde	~	~	0.002	U
Endrin ketone	~	~	0.002	U
gamma-BHC (Lindane)	9.2	0.1	0.002	U
gamma-Chlordane	~	~	0.002	U
Heptachlor	15	0.38	0.002	U
Heptachlor epoxide	~	~	0.002	U
Methoxychlor	~	~	0.002	U
Toxaphene	~	~	0.2	U

Table VII – 286 Richmond Valley Road Imported Gully Fill Analytical Results (continued)

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Commercial SCOs	NYSDEC Part 375 Protection of GW SCOs	SB-23_4 in-6 ft 10/22/2024 Soil	
Compound			Result	Q
Metals, TAL	mg/Kg	mg/Kg	mg/Kg	
Dilution Factor			1	
Aluminum	~	~	7,170	
Antimony	~	~	2.3	U
Arsenic	16	16	11	
Barium	400	820	50	
Beryllium	590	47	0.5	
Cadmium	9.3	7.5	0.4	
Calcium	~	~	6,190	
Chromium	~	~	13	
Cobalt	~	~	4.2	
Copper	270	1720	**397**	
Iron	~	~	12,800	
Lead	1000	450	233	
Magnesium	~	~	1,880	
Manganese	10000	2000	288	
Nickel	310	130	12	
Potassium	~	~	801	
Selenium	1500	4	2.3	U
Silver	1500	8.3	0.6	
Sodium	~	~	110	
Thallium	~	~	2.3	U
Vanadium	~	~	21	
Zinc	10000	2480	290	
Mercury	2.8	0.73	0.37	
Herbicides, TAL	mg/Kg	mg/Kg	mg/Kg	
Dilution Factor			1	
2,4,5-T	~	~	0.02	U
2,4,5-TP (Silvex)	500	3.8	0.02	U
2,4-D	~	~	0.02	U

Table VII – 286 Richmond Valley Road Imported Gully Fill Analytical Results (continued)

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Commercial SCOs	NYSDEC Part 375 Protection of GW SCOs	SB-23_4 in-6 ft 10/22/2024 Soil	
Compound			Result	Q
PCBs, 8082	mg/Kg	mg/Kg	mg/Kg	
Dilution Factor			1	
Aroclor 1016	~	~	0.02	U
Aroclor 1221	~	~	0.02	U
Aroclor 1232	~	~	0.02	U
Aroclor 1242	~	~	0.02	U
Aroclor 1248	~	~	0.1	P
Aroclor 1254	~	~	0.02	U
Aroclor 1260	~	~	0.03	P
Total PCBs	1	3.2	0.1	P

Notes: any exceedances are color coded by regulation. Mg/kg=milligrams per kilogram.
Q is the qualifier column, where D=result is from an analysis that required a dilution, J=analyte detected at or above the method detection limit (MDL) but below the reporting limit – data is estimated, NT=analyte was not a target of this analysis, P=indicates there was a percent difference for detected concentrations that exceed the MDLs between the two gas chromatograph columns used for analysis, and U=analyte not detected at or above the level indicated.

Table VIII – 286 Richmond Valley Road Excavated Soil Analytical Results

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Commercial SCOs	NYSDEC Part 375 Protection of GW SCOs	SB-18_4 in-5.5 ft 10/22/2024 Soil		SB-21_6 in-5.5 ft 10/22/2024 Soil	
Compound			Result	Q	Result	Q
VOCs, 8260	mg/Kg	mg/Kg	mg/Kg		mg/Kg	
Dilution Factor			1		1	
1,1,1,2-Tetrachloroethane	~	~	0.003	U	0.003	U
1,1,1-Trichloroethane	500	0.68	0.003	U	0.003	U
1,1,2,2-Tetrachloroethane	~	~	0.003	U	0.003	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	~	~	0.003	U	0.003	U
1,1,2-Trichloroethane	~	~	0.003	U	0.003	U
1,1-Dichloroethane	240	0.27	0.003	U	0.003	U
1,1-Dichloroethylene	500	0.33	0.003	U	0.003	U
1,2,3-Trichlorobenzene	~	~	0.003	U	0.003	U
1,2,3-Trichloropropane	~	~	0.003	U	0.003	U
1,2,4-Trichlorobenzene	~	~	0.003	U	0.003	U
1,2,4-Trimethylbenzene	190	3.6	0.003	U	0.003	U
1,2-Dibromo-3-chloropropane	~	~	0.003	U	0.003	U
1,2-Dibromoethane	~	~	0.003	U	0.003	U
1,2-Dichlorobenzene	500	1.1	0.003	U	0.003	U
1,2-Dichloroethane	30	0.02	0.003	U	0.003	U
1,2-Dichloropropane	~	~	0.003	U	0.003	U
1,3,5-Trimethylbenzene	190	8.4	0.003	U	0.003	U
1,3-Dichlorobenzene	280	2.4	0.003	U	0.003	U
1,4-Dichlorobenzene	130	1.8	0.003	U	0.003	U
1,4-Dioxane	130	0.1	0.05	U	0.05	U
2-Butanone	500	0.12	0.005		0.003	U
2-Hexanone	~	~	0.003	U	0.003	U
4-Methyl-2-pentanone	~	~	0.003	U	0.003	U
Acetone	500	0.05	0.03		0.02	
Acrolein	~	~	0.005	U	0.005	U
Acrylonitrile	~	~	0.003	U	0.003	U
Benzene	44	0.06	0.003	U	0.003	U
Bromochloromethane	~	~	0.003	U	0.003	U
Bromodichloromethane	~	~	0.003	U	0.003	U
Bromoform	~	~	0.003	U	0.003	U
Bromomethane	~	~	0.003	U	0.003	U
Carbon disulfide	~	~	0.003	U	0.003	U
Carbon tetrachloride	22	0.76	0.003	U	0.003	U
Chlorobenzene	500	1.1	0.003	U	0.003	U
Chloroethane	~	~	0.003	U	0.003	U

Table VIII – 286 Richmond Valley Road Excavated Soil Analytical Results (continued)

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Commercial SCOs	NYSDEC Part 375 Protection of GW SCOs	SB-18_4 in-5.5 ft 10/22/2024 Soil		SB-21_6 in-5.5 ft 10/22/2024 Soil	
Compound			Result	Q	Result	Q
VOCs, 8260	mg/Kg	mg/Kg	mg/Kg		mg/Kg	
Chloroform	350	0.37	0.003	U	0.003	U
Chloromethane	~	~	0.003	U	0.003	U
cis-1,2-Dichloroethylene	500	0.25	0.003	U	0.003	U
cis-1,3-Dichloropropylene	~	~	0.003	U	0.003	U
Cyclohexane	~	~	0.003	U	0.003	U
Dibromochloromethane	~	~	0.003	U	0.003	U
Dibromomethane	~	~	0.003	U	0.003	U
Dichlorodifluoromethane	~	~	0.003	U	0.003	U
Ethyl Benzene	390	1	0.004	J	0.003	U
Hexachlorobutadiene	~	~	0.003	U	0.003	U
Isopropylbenzene	~	~	0.003	U	0.003	U
Methyl acetate	~	~	0.003	J	0.003	U
Methyl tert-butyl ether (MTBE)	500	0.93	0.003	U	0.003	U
Methylcyclohexane	~	~	0.003	U	0.003	U
Methylene chloride	500	0.05	0.009	J	0.007	J
n-Butylbenzene	500	12	0.003	U	0.003	U
n-Propylbenzene	500	3.9	0.003	U	0.003	U
o-Xylene	~	~	0.003	U	0.003	U
p- & m- Xylenes	~	~	0.005	U	0.005	U
p-Isopropyltoluene	~	~	0.003	U	0.003	U
sec-Butylbenzene	500	11	0.003	U	0.003	U
Styrene	~	~	0.003	U	0.003	U
tert-Butyl alcohol (TBA)	~	~	0.003	U	0.003	U
tert-Butylbenzene	500	5.9	0.003	U	0.003	U
Tetrachloroethylene	150	1.3	0.003	U	0.003	U
Toluene	500	0.7	0.003	U	0.003	U
trans-1,2-Dichloroethylene	500	0.19	0.003	U	0.003	U
trans-1,3-Dichloropropylene	~	~	0.003	U	0.003	U
trans-1,4-dichloro-2-butene	~	~	0.003	U	0.003	U
Trichloroethylene	200	0.47	0.003	U	0.003	U
Trichlorofluoromethane	~	~	0.003	U	0.003	U
Vinyl Chloride	13	0.02	0.003	U	0.003	U
Xylenes, Total	500	1.6	0.008	U	0.008	U

Table VIII – 286 Richmond Valley Road Excavated Soil Analytical Results (continued)

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Commercial SCOs	NYSDEC Part 375 Protection of GW SCOs	SB-18_4 in-5.5 ft 10/22/2024 Soil		SB-21_6 in-5.5 ft 10/22/2024 Soil	
Compound			Result	Q	Result	Q
SVOCS, 8270	mg/Kg	mg/Kg	mg/Kg		mg/Kg	
Dilution Factor			2		2	
1,1-Biphenyl	~	~	0.05	U	0.05	U
1,2,4,5-Tetrachlorobenzene	~	~	0.09	U	0.09	U
1,2,4-Trichlorobenzene	~	~	0.05	U	0.05	U
1,2-Dichlorobenzene	500	1.1	0.05	U	0.05	U
1,2-Diphenylhydrazine (as Azobenzene)	~	~	0.05	U	0.05	U
1,3-Dichlorobenzene	280	2.4	0.05	U	0.05	U
1,4-Dichlorobenzene	130	1.8	0.05	U	0.05	U
2,3,4,6-Tetrachlorophenol	~	~	0.09	U	0.09	U
2,4,5-Trichlorophenol	~	~	0.05	U	0.05	U
2,4,6-Trichlorophenol	~	~	0.05	U	0.05	U
2,4-Dichlorophenol	~	~	0.05	U	0.05	U
2,4-Dimethylphenol	~	~	0.05	U	0.05	U
2,4-Dinitrophenol	~	~	0.09	U	0.09	U
2,4-Dinitrotoluene	~	~	0.05	U	0.05	U
2,6-Dinitrotoluene	~	~	0.05	U	0.05	U
2-Chloronaphthalene	~	~	0.05	U	0.05	U
2-Chlorophenol	~	~	0.05	U	0.05	U
2-Methylnaphthalene	~	~	0.05	U	0.05	U
2-Methylphenol	500	0.33	0.05	U	0.05	U
2-Nitroaniline	~	~	0.09	U	0.09	U
2-Nitrophenol	~	~	0.05	U	0.05	U
3- & 4-Methylphenols	500	0.33	0.05	U	0.05	U
3,3-Dichlorobenzidine	~	~	0.05	U	0.05	U
3-Nitroaniline	~	~	0.09	U	0.09	U
4,6-Dinitro-2-methylphenol	~	~	0.09	U	0.09	U
4-Bromophenyl phenyl ether	~	~	0.05	U	0.05	U
4-Chloro-3-methylphenol	~	~	0.05	U	0.05	U
4-Chloroaniline	~	~	0.05	U	0.05	U
4-Chlorophenyl phenyl ether	~	~	0.05	U	0.05	U
4-Nitroaniline	~	~	0.09	U	0.09	U
4-Nitrophenol	~	~	0.09	U	0.09	U
Acenaphthene	500	98	0.06	JD	0.05	U
Acenaphthylene	500	107	0.05	U	0.06	JD
Acetophenone	~	~	0.05	U	0.05	U

Table VIII – 286 Richmond Valley Road Excavated Soil Analytical Results (continued)

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Commercial SCOs	NYSDEC Part 375 Protection of GW SCOs	SB-18_4 in-5.5 ft 10/22/2024 Soil		SB-21_6 in-5.5 ft 10/22/2024 Soil	
Compound			Result	Q	Result	Q
SVOCS, 8270	mg/Kg	mg/Kg	mg/Kg		mg/Kg	
Aniline	~	~	0.2	U	0.2	U
Anthracene	500	1000	0.10	D	0.05	U
Atrazine	~	~	0.05	U	0.05	U
Benzaldehyde	~	~	0.05	U	0.05	U
Benzidine	~	~	0.2	U	0.2	U
Benzo(a)anthracene	5.6	1	0.2	D	0.2	D
Benzo(a)pyrene	1	22	0.1	D	0.1	D
Benzo(b)fluoranthene	5.6	1.7	0.1	D	0.1	D
Benzo(g,h,i)perylene	500	1000	0.05	JD	0.07	JD
Benzo(k)fluoranthene	56	1.7	0.1	D	0.1	D
Benzoic acid	~	~	0.05	U	0.05	U
Benzyl alcohol	~	~	0.05	U	0.05	U
Benzyl butyl phthalate	~	~	0.05	U	0.05	U
Bis(2-chloroethoxy)methane	~	~	0.05	U	0.05	U
Bis(2-chloroethyl)ether	~	~	0.05	U	0.05	U
Bis(2-chloroisopropyl)ether	~	~	0.05	U	0.05	U
Bis(2-ethylhexyl)phthalate	~	~	0.05	U	0.05	U
Caprolactam	~	~	0.09	U	0.09	U
Carbazole	~	~	0.06	JD	0.05	U
Chrysene	56	1	0.2	D	0.2	D
Dibenzo(a,h)anthracene	0.56	1000	0.05	U	0.05	U
Dibenzofuran	350	210	0.05	U	0.05	U
Diethyl phthalate	~	~	0.05	U	0.05	U
Dimethyl phthalate	~	~	0.05	U	0.05	U
Di-n-butyl phthalate	~	~	0.05	U	0.05	U
Di-n-octyl phthalate	~	~	0.05	U	0.05	U
Diphenylamine	~	~	0.09	U	0.09	U
Fluoranthene	500	1000	0.5	D	0.3	D
Fluorene	500	386	0.07	JD	0.05	U
Hexachlorobenzene	6	3.2	0.05	U	0.05	U
Hexachlorobutadiene	~	~	0.05	U	0.05	U
Hexachlorocyclopentadiene	~	~	0.05	U	0.05	U
Hexachloroethane	~	~	0.05	U	0.05	U
Indeno(1,2,3-cd)pyrene	5.6	8.2	0.06	JD	0.08	JD
Isophorone	~	~	0.05	U	0.05	U
Naphthalene	500	12	0.05	U	0.05	U

Table VIII – 286 Richmond Valley Road Excavated Soil Analytical Results (continued)

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Commercial SCOs	NYSDEC Part 375 Protection of GW SCOs	SB-18_4 in-5.5 ft 10/22/2024 Soil		SB-21_6 in-5.5 ft 10/22/2024 Soil	
Compound			Result	Q	Result	Q
SVOCS, 8270	mg/Kg	mg/Kg	mg/Kg		mg/Kg	
Nitrobenzene	~	~	0.05	U	0.05	U
N-Nitrosodimethylamine	~	~	0.05	U	0.05	U
N-nitroso-di-n-propylamine	~	~	0.05	U	0.05	U
N-Nitrosodiphenylamine	~	~	0.05	U	0.05	U
Pentachlorophenol	6.7	0.8	0.05	U	0.05	U
Phenanthrene	500	1000	0.3	D	0.1	D
Phenol	500	0.33	0.05	U	0.05	U
Pyrene	500	1000	0.3	D	0.2	D
Pesticides, 8081	mg/Kg	mg/Kg	mg/Kg		mg/Kg	
Dilution Factor			5		5	
4,4'-DDD	92	14	0.002	U	0.002	U
4,4'-DDE	62	17	0.002	U	0.002	U
4,4'-DDT	47	136	0.002	U	0.002	U
Aldrin	0.68	0.19	0.002	U	0.002	U
alpha-BHC	3.4	0.02	0.002	U	0.002	U
alpha-Chlordane	24	2.9	0.002	U	0.002	U
beta-BHC	3	0.09	0.002	U	0.002	U
Chlordane, total	~	~	0.04	U	0.04	U
delta-BHC	500	0.25	0.002	U	0.002	U
Dieldrin	1.4	0.1	0.002	U	0.002	U
Endosulfan I	200	102	0.002	U	0.002	U
Endosulfan II	200	102	0.002	U	0.002	U
Endosulfan sulfate	200	1000	0.002	U	0.002	U
Endrin	89	0.06	0.002	U	0.002	U
Endrin aldehyde	~	~	0.002	U	0.002	U
Endrin ketone	~	~	0.002	U	0.002	U
gamma-BHC (Lindane)	9.2	0.1	0.002	U	0.002	U
gamma-Chlordane	~	~	0.002	U	0.002	U
Heptachlor	15	0.38	0.002	U	0.002	U
Heptachlor epoxide	~	~	0.002	U	0.002	U
Methoxychlor	~	~	0.002	U	0.002	U
Toxaphene	~	~	0.2	U	0.2	U

Table VIII – 286 Richmond Valley Road Excavated Soil Analytical Results (continued)

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Commercial SCOs	NYSDEC Part 375 Protection of GW SCOs	SB-18_4 in-5.5 ft 10/22/2024 Soil		SB-21_6 in-5.5 ft 10/22/2024 Soil	
Compound			Result	Q	Result	Q
Metals, TAL	mg/Kg	mg/Kg	mg/Kg		mg/Kg	
Dilution Factor			1		1	
Aluminum	~	~	10,900		11,000	
Antimony	~	~	2.4	U	2.4	U
Arsenic	16	16	7.1		8.3	
Barium	400	820	53		67	
Beryllium	590	47	0.5		0.6	
Cadmium	9.3	7.5	0.3	U	0.5	
Calcium	~	~	1,420		4,580	
Chromium	~	~	14		20	
Cobalt	~	~	5.1		5.2	
Copper	270	1720	81		**431**	
Iron	~	~	16,900		16,200	
Lead	1000	450	54		210	
Magnesium	~	~	1,480		1,920	
Manganese	10000	2000	213		268	
Nickel	310	130	11		12	
Potassium	~	~	1,080		1,190	
Selenium	1500	4	2.4	U	2.4	U
Silver	1500	8.3	0.5	U	0.5	U
Sodium	~	~	74		171	
Thallium	~	~	2.4	U	2.4	U
Vanadium	~	~	23		27	
Zinc	10000	2480	116		284	
Mercury	2.8	0.73	0.1		0.2	
Herbicides, TAL	mg/Kg	mg/Kg	mg/Kg		mg/Kg	
Dilution Factor			1		1	
2,4,5-T	~	~	0.02	U	0.02	U
2,4,5-TP (Silvex)	500	3.8	0.02	U	0.02	U
2,4-D	~	~	0.02	U	0.02	U

Table VIII – 286 Richmond Valley Road Excavated Soil Analytical Results (continued)

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Commercial SCOs	NYSDEC Part 375 Protection of GW SCOs	SB-18_4 in-5.5 ft 10/22/2024 Soil		SB-21_6 in-5.5 ft 10/22/2024 Soil	
Compound			Result	Q	Result	Q
PCBs, 8082	mg/Kg	mg/Kg	mg/Kg		mg/Kg	
Dilution Factor			1		1	
Aroclor 1016	~	~	0.02	U	0.02	U
Aroclor 1221	~	~	0.02	U	0.02	U
Aroclor 1232	~	~	0.02	U	0.02	U
Aroclor 1242	~	~	0.02	U	0.02	U
Aroclor 1248	~	~	0.02	U	0.03	
Aroclor 1254	~	~	0.02	U	0.02	U
Aroclor 1260	~	~	0.02	U	0.02	P
Total PCBs	1	3.2	0.02	U	0.06	

Notes: any exceedances are color coded by regulation. Mg/kg=milligrams per kilogram.
Q is the qualifier column, where D=result is from an analysis that required a dilution, J=analyte detected at or above the method detection limit (MDL) but below the reporting limit – data is estimated, NT=analyte was not a target of this analysis, P=indicates there was a percent difference for detected concentrations that exceed the MDLs between the two gas chromatograph columns used for analysis, and U=analyte not detected at or above the level indicated.

Table IX: 158 Page Avenue Delineation Boring Analytical Results

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Commercial SCOs	NYSDEC Part 375 Protection of GW SCOs	DB-1 7/7/25 Soil		DB-2 7/7/25 Soil		DB-3 7/7/25 Soil		DB-4 7/7/25 Soil		DB-5 7/7/25 Soil		DB-6 7/7/25 Soil		DUP (DB-3) 7/7/25 Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOCs, 8260	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	
1,1,1-Trichloroethane	500	0.68	0.003	U	0.003	U	0.003	U	0.006	U	0.003	U	0.003	U	0.004	U
1,1-Dichloroethane	240	0.27	0.003	U	0.003	U	0.003	U	0.006	U	0.003	U	0.003	U	0.004	U
1,1-Dichloroethylene	500	0.33	0.003	U	0.003	U	0.003	U	0.006	U	0.003	U	0.003	U	0.004	U
1,2,4-Trimethylbenzene	190	3.6	0.003	U	0.003	U	0.003	U	0.006	U	0.003	U	0.003	U	0.004	U
1,2-Dichlorobenzene	500	1.1	0.003	U	0.003	U	0.003	U	0.006	U	0.003	U	0.003	U	0.004	U
1,2-Dichloroethane	30	0.02	0.003	U	0.003	U	0.003	U	0.006	U	0.003	U	0.003	U	0.004	U
1,3,5-Trimethylbenzene	190	8.4	0.003	U	0.003	U	0.003	U	0.006	U	0.003	U	0.003	U	0.004	U
1,3-Dichlorobenzene	280	2.4	0.003	U	0.003	U	0.003	U	0.006	U	0.003	U	0.003	U	0.004	U
1,4-Dichlorobenzene	130	1.8	0.003	U	0.003	U	0.003	U	0.006	U	0.003	U	0.003	U	0.004	U
1,4-Dioxane	130	0.1	0.054	U	0.058	U	0.060	U	**0.12**	U	0.064	U	0.065	U	0.072	U
2-Butanone	500	0.12	0.003	U	0.003	U	0.003	U	0.006	U	0.003	U	0.003	U	0.004	U
Acetone	500	0.05	0.005	U	0.006	U	0.006	U	0.050		0.007	J	0.007	J	0.012	J
Benzene	44	0.06	0.003	U	0.003	U	0.003	U	0.006	U	0.003	U	0.003	U	0.004	U
Carbon tetrachloride	22	0.76	0.003	U	0.003	U	0.003	U	0.006	U	0.003	U	0.003	U	0.004	U
Chlorobenzene	500	1.1	0.003	U	0.003	U	0.003	U	0.006	U	0.003	U	0.003	U	0.004	U
Chloroform	350	0.37	0.003	U	0.003	U	0.003	U	0.006	U	0.003	U	0.003	U	0.004	U
cis-1,2-Dichloroethylene	~	~	0.003	U	0.003	U	0.003	U	0.006	U	0.003	U	0.003	U	0.004	U
Ethyl Benzene	390	1	0.003	U	0.003	U	0.003	U	0.006	U	0.003	U	0.003	U	0.004	U
Methyl tert-butyl ether (MTBE)	500	0.93	0.003	U	0.003	U	0.003	U	0.006	U	0.003	U	0.003	U	0.004	U
Methylene chloride	500	0.05	0.005	U	0.006	U	0.006	U	0.012	U	0.006	U	0.007	U	0.007	U
Naphthalene	500	12	0.003	U	0.003	U	0.003	U	0.006	U	0.003	U	0.003	U	0.004	U
n-Butylbenzene	500	12	0.003	U	0.003	U	0.003	U	0.006	U	0.003	U	0.003	U	0.004	U
n-Propylbenzene	500	3.9	0.003	U	0.003	U	0.003	U	0.006	U	0.003	U	0.003	U	0.004	U
o-Xylene	~	~	0.003	U	0.003	U	0.003	U	0.006	U	0.003	U	0.003	U	0.004	U
p- & m- Xylenes	~	~	0.005	U	0.006	U	0.006	U	0.012	U	0.006	U	0.007	U	0.007	U
sec-Butylbenzene	500	11	0.003	U	0.003	U	0.003	U	0.006	U	0.003	U	0.003	U	0.004	U
tert-Butylbenzene	500	5.9	0.003	U	0.003	U	0.003	U	0.006	U	0.003	U	0.003	U	0.004	U

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Commercial SCOs	NYSDEC Part 375 Protection of GW SCOs	DB-1 7/7/25 Soil		DB-2 7/7/25 Soil		DB-3 7/7/25 Soil		DB-4 7/7/25 Soil		DB-5 7/7/25 Soil		DB-6 7/7/25 Soil		DUP (DB-3) 7/7/25 Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOCs, 8260	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	
Tetrachloroethylene	150	1.3	0.003	U	0.003	U	0.003	U	0.006	U	0.003	U	0.003	U	0.004	U
Toluene	500	0.7	0.003	U	0.003	U	0.003	U	0.006	U	0.003	U	0.003	U	0.004	U
trans-1,2-Dichloroethylene	~	~	0.003	U	0.003	U	0.003	U	0.006	U	0.003	U	0.003	U	0.004	U
Trichloroethylene	200	0.47	0.003	U	0.003	U	0.003	U	0.006	U	0.003	U	0.003	U	0.004	U
Vinyl Chloride	13	0.02	0.003	U	0.003	U	0.003	U	0.006	U	0.003	U	0.003	U	0.004	U
Xylenes, Total	500	1.6	0.008	U	0.009	U	0.009	U	0.018	U	0.010	U	0.010	U	0.011	U
SVOCs, 8270	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			2		2		2		2		2		2		2	
2-Methylphenol	500	0.33	0.04	U	0.05	U	0.05	U	0.08	U	0.05	U	0.05	U	0.05	U
3- & 4-Methylphenols	~	~	0.04	U	0.05	U	0.05	U	0.08	U	0.05	U	0.05	U	0.05	U
Acenaphthene	500	98	0.04	U	0.05	U	0.05	U	0.08	U	0.05	U	0.05	U	0.05	U
Acenaphthylene	500	107	0.06	JD	0.05	U	0.05	U	0.08	U	0.05	U	0.05	U	0.05	U
Anthracene	500	1,000	0.13	D	0.08	JD	0.05	U	0.08	U	0.07	JD	0.07	JD	0.05	J D
Benzo(a)anthracene	5.6	1	0.49	D	0.31	D	0.10	D	0.08	U	0.29	D	0.47	D	0.14	D
Benzo(a)pyrene	1	22	0.50	D	0.28	D	0.13	D	0.08	U	0.31	D	0.55	D	0.14	D
Benzo(b)fluoranthene	5.6	1.7	0.50	D	0.37	D	0.17	D	0.08	U	0.43	D	0.26	D	0.13	D
Benzo(g,h,i)perylene	500	1,000	0.32	D	0.18	D	0.12	D	0.08	U	0.24	D	0.44	D	0.09	D
Benzo(k)fluoranthene	56	1.7	0.42	D	0.13	D	0.06	JD	0.08	U	0.16	D	0.26	D	0.11	D
Chrysene	56	1	0.54	D	0.31	D	0.10	D	0.09	JD	0.29	D	0.49	D	0.14	D
Dibenzo(a,h)anthracene	0.56	1,000	0.11	D	0.05	U	0.05	U	0.08	U	0.06	JD	0.09	JD	0.05	U
Dibenzofuran	350	210	0.04	U	0.05	U	0.05	U	0.08	U	0.05	U	0.05	U	0.05	U
Fluoranthene	500	1,000	0.84	D	0.50	D	0.17	D	0.13	JD	0.48	D	0.68	D	0.25	D
Fluorene	500	386	0.04	U	0.05	U	0.05	U	0.08	U	0.05	U	0.05	U	0.05	U
Hexachlorobenzene	6	3.2	0.04	U	0.05	U	0.05	U	0.08	U	0.05	U	0.05	U	0.05	U
Indeno(1,2,3-cd)pyrene	5.6	8.2	0.26	D	0.17	D	0.11	D	0.08	U	0.24	D	0.43	D	0.09	D
Naphthalene	500	12	0.04	U	0.05	U	0.05	U	0.08	U	0.05	U	0.05	U	0.05	U
Pentachlorophenol	6.7	0.8	0.04	U	0.05	U	0.05	U	0.08	U	0.05	U	0.05	U	0.05	U

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Commercial SCOs	NYSDEC Part 375 Protection of GW SCOs	DB-1 7/7/25 Soil		DB-2 7/7/25 Soil		DB-3 7/7/25 Soil		DB-4 7/7/25 Soil		DB-5 7/7/25 Soil		DB-6 7/7/25 Soil		DUP (DB-3) 7/7/25 Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SVOCs, 8270	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			2		2		2		2		2		2		2	
Phenanthrene	500	1,000	0.37	D	0.22	D	0.08	JD	0.08	U	0.21	D	0.20	D	0.20	D
Phenol	500	0.33	0.04	U	0.05	U	0.05	U	0.08	U	0.05	U	0.05	U	0.05	U
Pyrene	500	1,000	0.71	D	0.51	D	0.14	D	0.10	JD	0.38	D	0.54	D	0.26	D
Pesticides, 8081	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			5		5		5		5		5		5		5	
4,4'-DDD	92	14	0.002	U	0.002	U	0.002	U	0.003	U	0.002	U	0.002	U	0.002	U
4,4'-DDE	62	17	0.002	U	0.002	U	0.002	U	0.003	U	0.002	U	0.002	U	0.002	U
4,4'-DDT	47	136	0.002	U	0.002	U	0.002	U	0.003	U	0.002	U	0.002	U	0.002	U
Aldrin	0.68	0.19	0.002	U	0.002	U	0.002	U	0.003	U	0.002	U	0.002	U	0.002	U
alpha-BHC	3.4	0.02	0.002	U	0.002	U	0.002	U	0.003	U	0.002	U	0.002	U	0.002	U
alpha-Chlordane	24	2.9	0.003	D	0.002	D	0.002	U	0.003	U	0.002	D	0.005	D	0.002	D
beta-BHC	3	0.09	0.002	U	0.002	U	0.002	U	0.003	U	0.002	U	0.002	U	0.002	U
delta-BHC	500	0.25	0.002	U	0.002	U	0.002	U	0.003	U	0.002	U	0.002	U	0.002	U
Dieldrin	1.4	0.1	0.002	U	0.003	D	0.002	U	0.003	U	0.002	U	0.002	U	0.002	U
Endosulfan I	200	102	0.002	U	0.002	U	0.002	U	0.003	U	0.002	U	0.002	U	0.002	U
Endosulfan II	200	102	0.002	U	0.002	U	0.002	U	0.003	U	0.002	U	0.002	U	0.002	U
Endosulfan sulfate	200	1,000	0.002	U	0.002	U	0.002	U	0.003	U	0.002	U	0.002	U	0.002	U
Endrin	89	0.06	0.002	U	0.002	U	0.002	U	0.003	U	0.002	U	0.002	U	0.002	U
gamma-BHC (Lindane)	9.2	0.1	0.002	U	0.002	U	0.002	U	0.003	U	0.002	U	0.002	U	0.002	U
Heptachlor	15	0.38	0.002	U	0.002	U	0.002	U	0.003	U	0.002	U	0.002	U	0.002	U
Metals, Part 375 List	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	
Arsenic	16	16	5.1		5.6		8.1		5.0		5.9		12.2		9.0	
Barium	400	820	90		71		83		60		63		71		69	
Beryllium	590	47	0.5		0.5		0.6		0.1		0.3		0.3		0.2	
Cadmium	9.3	7.5	0.7		0.7		0.8		0.6		0.6		0.5		0.5	
Chromium	~	~	23		23		26		17		30		71		16	

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Commercial SCOs	NYSDEC Part 375 Protection of GW SCOs	DB-1 7/7/25 Soil		DB-2 7/7/25 Soil		DB-3 7/7/25 Soil		DB-4 7/7/25 Soil		DB-5 7/7/25 Soil		DB-6 7/7/25 Soil		DUP (DB-3) 7/7/25 Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Metals, Part 375 List	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	
Copper	270	1,720	**1,100**		**728**		**527**		175		**598**		145		**331**	
Lead	1,000	450	334		303		323		64		330		96		147	
Manganese	10,000	2,000	241		217		238		202		254		591		213	
Nickel	310	130	37		34		24		11		30		36		32	
Selenium	1,500	4	2.3	U	2.4	U	2.5	U	4.0	U	2.6	U	2.5	U	2.5	U
Silver	1,500	8.3	0.5	U	0.5	U	0.5	U	0.8	U	0.5	U	0.5	U	0.5	U
Zinc	10,000	2,480	1,600		441		570		221		566		131		275	
Mercury	2.8	0.73	0.25		0.20		0.19		0.08		0.18		0.11		0.13	
Chromium, Hexavalent	400	19	0.5	U	0.6	U	0.6	U	1.0	U	0.6	U	0.6	U	0.6	U
Chromium, Trivalent	1,500	~	23		23		26		17		30		71		16	
Cyanide, Total	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	
Cyanide, total	27	40	0.5	U	0.6	U	0.6	U	1.0	U	0.6	U	0.6	U	0.6	U
Herbicides, 8151	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	
2,4,5-TP (Silvex)	500	3.8	0.02	U	0.02	U	0.02	U	0.04	U	0.02	U	0.02	U	0.02	U
PCBs, 8082	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	
Aroclor 1016	~	~	0.02	U	0.02	U	0.02	U	0.03	U	0.02	U	0.02	U	0.02	U
Aroclor 1221	~	~	0.02	U	0.02	U	0.02	U	0.03	U	0.02	U	0.02	U	0.02	U
Aroclor 1232	~	~	0.02	U	0.02	U	0.02	U	0.03	U	0.02	U	0.02	U	0.02	U
Aroclor 1242	~	~	0.02	U	0.02	U	0.02	U	0.03	U	0.02	U	0.02	U	0.02	U
Aroclor 1248	~	~	0.02	U	0.02	U	0.19		0.10		0.02	U	0.02	U	0.04	
Aroclor 1254	~	~	0.09		0.02	U	0.02	U	0.03	U	0.05		0.02	U	0.02	U
Aroclor 1260	~	~	0.07		0.03		0.02	U	0.03	U	0.05		0.02	U	0.02	U
Total PCBs	1	3.2	0.16		0.03		0.19		0.10		0.10		0.02	U	0.04	

Notes: mg/kg=milligrams per kilogram, yellow=value exceeds the NYSDEC Part 375 Commercial SCOs, green=value exceeds the NYSDEC Part 375 Protection of Groundwater SCOs, and ~ = no limit has been established for this analyte.

Table X: 158 Page Avenue Soil Export Trucking Log

Date	Manifest Number	Transporter	License Plate	Location	Off-Site Disposal Facility	Material Type	Tonnage
8/29/2025	573029	Valiant Contracting	AY718Y	158 Page	Posillico Materials, LLC	Non-Hazardous Waste	22.83
8/29/2025	573031	Valiant Contracting	AY387N	158 Page	Posillico Materials, LLC	Non-Hazardous Waste	21.38
9/2/2025	44747	Valiant Contracting	AZ963S	158 Page	Posillico Materials, LLC	Non-Hazardous Waste	15.45
9/2/2025	44746	Valiant Contracting	AY115A	158 Page	Posillico Materials, LLC	Non-Hazardous Waste	9.16

Table XI: 158 Page Avenue Soil Import Trucking Log

Date	Source	Type of Material	Quantity of Material (tons)
7/18/2025	Posillico Materials, LLC	Engineered Fill (F2)	25
7/18/2025	Posillico Materials, LLC	Engineered Fill (F2)	25
7/18/2025	Posillico Materials, LLC	Engineered Fill (F2)	25
7/18/2025	Posillico Materials, LLC	Engineered Fill (F2)	25
7/18/2025	Posillico Materials, LLC	Engineered Fill (F2)	25
7/25/2025	Posillico Materials, LLC	Engineered Fill (F2)	25

Table XII: 286 Richmond Valley Road Delineation Boring Analytical Results

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Commercial SCOs	NYSDEC Part 375 Protection of GW SCOs	DB-7 9/25/2025 Soil		DB-8 9/25/2025 Soil		DB-9 9/25/2025 Soil		DB-10 9/25/2025 Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q
SVOCs, 8270	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			2		2		2		2	
1,1-Biphenyl	~	~	0.05	U	0.04	U	0.05	U	0.04	U
1,2,4,5-Tetrachlorobenzene	~	~	0.09	U	0.09	U	0.09	U	0.09	U
1,2,4-Trichlorobenzene	~	~	0.05	U	0.04	U	0.05	U	0.04	U
1,2-Dichlorobenzene	500	1.1	0.05	U	0.04	U	0.05	U	0.04	U
1,2-Diphenylhydrazine (as Azobenzene)	~	~	0.05	U	0.04	U	0.05	U	0.04	U
1,3-Dichlorobenzene	280	2.4	0.05	U	0.04	U	0.05	U	0.04	U
1,4-Dichlorobenzene	130	1.8	0.05	U	0.04	U	0.05	U	0.04	U
2,3,4,6-Tetrachlorophenol	~	~	0.09	U	0.09	U	0.09	U	0.09	U
2,4,5-Trichlorophenol	~	~	0.05	U	0.04	U	0.05	U	0.04	U
2,4,6-Trichlorophenol	~	~	0.05	U	0.04	U	0.05	U	0.04	U
2,4-Dichlorophenol	~	~	0.05	U	0.04	U	0.05	U	0.04	U
2,4-Dimethylphenol	~	~	0.05	U	0.04	U	0.05	U	0.04	U
2,4-Dinitrophenol	~	~	0.09	U	0.09	U	0.09	U	0.09	U
2,4-Dinitrotoluene	~	~	0.05	U	0.04	U	0.05	U	0.04	U
2,6-Dinitrotoluene	~	~	0.05	U	0.04	U	0.05	U	0.04	U
2-Chloronaphthalene	~	~	0.05	U	0.04	U	0.05	U	0.04	U
2-Chlorophenol	~	~	0.05	U	0.04	U	0.05	U	0.04	U
2-Methylnaphthalene	~	~	0.05	U	0.04	U	0.05	U	0.04	U
2-Methylphenol	500	0.33	0.05	U	0.04	U	0.05	U	0.04	U
2-Nitroaniline	~	~	0.09	U	0.09	U	0.09	U	0.09	U
2-Nitrophenol	~	~	0.05	U	0.04	U	0.05	U	0.04	U
3- & 4-Methylphenols	~	~	0.05	U	0.04	U	0.05	U	0.04	U

Table XII: 286 Richmond Valley Road Delineation Boring Analytical Results [continued]

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Commercial SCOs	NYSDEC Part 375 Protection of GW SCOs	DB-7 9/25/2025 Soil		DB-8 9/25/2025 Soil		DB-9 9/25/2025 Soil		DB-10 9/25/2025 Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q
SVOCs, 8270	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			2		2		2		2	
3,3-Dichlorobenzidine	~	~	0.05	U	0.04	U	0.05	U	0.04	U
3-Nitroaniline	~	~	0.09	U	0.09	U	0.09	U	0.09	U
4,6-Dinitro-2-methylphenol	~	~	0.09	U	0.09	U	0.09	U	0.09	U
4-Bromophenyl phenyl ether	~	~	0.05	U	0.04	U	0.05	U	0.04	U
4-Chloro-3-methylphenol	~	~	0.05	U	0.04	U	0.05	U	0.04	U
4-Chloroaniline	~	~	0.05	U	0.04	U	0.05	U	0.04	U
4-Chlorophenyl phenyl ether	~	~	0.05	U	0.04	U	0.05	U	0.04	U
4-Nitroaniline	~	~	0.09	U	0.09	U	0.09	U	0.09	U
4-Nitrophenol	~	~	0.09	U	0.09	U	0.09	U	0.09	U
Acenaphthene	500	98	0.09	JD	0.09	D	0.05	U	0.04	U
Acenaphthylene	500	107	0.05	U	0.04	U	0.05	U	0.04	U
Acetophenone	~	~	0.05	U	0.04	U	0.05	U	0.04	U
Aniline	~	~	0.18	U	0.18	U	0.18	U	0.18	U
Anthracene	500	1,000	0.12	D	0.13	D	0.05	U	0.04	U
Atrazine	~	~	0.05	U	0.04	U	0.05	U	0.04	U
Benzaldehyde	~	~	0.05	U	0.04	U	0.05	U	0.04	U
Benzidine	~	~	0.18	U	0.18	U	0.18	U	0.18	U
Benzo(a)anthracene	5.6	1	0.41	D	0.47	D	0.09	D	0.07	JD
Benzo(a)pyrene	1	22	0.34	D	0.42	D	0.07	JD	0.06	JD
Benzo(b)fluoranthene	5.6	1.7	0.34	D	0.43	D	0.08	JD	0.07	JD
Benzo(g,h,i)perylene	500	1,000	0.19	D	0.21	D	0.05	JD	0.04	U
Benzo(k)fluoranthene	56	1.7	0.35	D	0.39	D	0.06	JD	0.05	JD

Table XII: 286 Richmond Valley Road Delineation Boring Analytical Results [continued]

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Commercial SCOs	NYSDEC Part 375 Protection of GW SCOs	DB-7 9/25/2025 Soil		DB-8 9/25/2025 Soil		DB-9 9/25/2025 Soil		DB-10 9/25/2025 Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q
SVOCs, 8270	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			2		2		2		2	
Benzoic acid	~	~	0.05	U	0.04	U	0.05	U	0.04	U
Benzyl alcohol	~	~	0.05	U	0.04	U	0.05	U	0.04	U
Benzyl butyl phthalate	~	~	0.05	U	0.04	U	0.05	U	0.04	U
Bis(2-chloroethoxy)methane	~	~	0.05	U	0.04	U	0.05	U	0.04	U
Bis(2-chloroethyl)ether	~	~	0.05	U	0.04	U	0.05	U	0.04	U
Bis(2-chloroisopropyl)ether	~	~	0.05	U	0.04	U	0.05	U	0.04	U
Bis(2-ethylhexyl)phthalate	~	~	0.05	JD	0.04	U	0.05	U	0.04	U
Caprolactam	~	~	0.09	U	0.09	U	0.09	U	0.09	U
Carbazole	~	~	0.06	JD	0.07	JD	0.05	U	0.04	U
Chrysene	56	1	0.42	D	0.51	D	0.09	D	0.06	JD
Dibenzo(a,h)anthracene	0.56	1,000	0.07	JD	0.08	JD	0.05	U	0.04	U
Dibenzofuran	350	210	0.05	U	0.04	U	0.05	U	0.04	U
Diethyl phthalate	~	~	0.05	U	0.04	U	0.05	U	0.04	U
Dimethyl phthalate	~	~	0.05	U	0.04	U	0.05	U	0.04	U
Di-n-butyl phthalate	~	~	0.05	U	0.04	U	0.05	U	0.04	U
Di-n-octyl phthalate	~	~	0.05	U	0.04	U	0.05	U	0.04	U
Fluoranthene	500	1,000	0.91	D	1.04	D	0.17	D	0.10	D
Fluorene	500	386	0.07	JD	0.06	JD	0.05	U	0.04	U
Hexachlorobenzene	6	3.2	0.05	U	0.04	U	0.05	U	0.04	U
Hexachlorobutadiene	~	~	0.05	U	0.04	U	0.05	U	0.04	U
Hexachlorocyclopentadiene	~	~	0.05	U	0.04	U	0.05	U	0.04	U
Hexachloroethane	~	~	0.05	U	0.04	U	0.05	U	0.04	U

Table XII: 286 Richmond Valley Road Delineation Boring Analytical Results [continued]

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Commercial SCOs	NYSDEC Part 375 Protection of GW SCOs	DB-7 9/25/2025 Soil		DB-8 9/25/2025 Soil		DB-9 9/25/2025 Soil		DB-10 9/25/2025 Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q
SVOCs, 8270	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			2		2		2		2	
Indeno(1,2,3-cd)pyrene	5.6	8.2	0.21	D	0.24	D	0.05	JD	0.04	U
Isophorone	~	~	0.05	U	0.04	U	0.05	U	0.04	U
Naphthalene	500	12	0.05	U	0.04	U	0.05	U	0.04	U
Nitrobenzene	~	~	0.05	U	0.04	U	0.05	U	0.04	U
N-Nitrosodimethylamine	~	~	0.05	U	0.04	U	0.05	U	0.04	U
N-nitroso-di-n-propylamine	~	~	0.05	U	0.04	U	0.05	U	0.04	U
N-Nitrosodiphenylamine	~	~	0.05	U	0.04	U	0.05	U	0.04	U
Pentachlorophenol	6.7	0.8	0.05	U	0.04	U	0.05	U	0.04	U
Phenanthrene	500	1,000	0.50	D	0.51	D	0.08	JD	0.04	U
Phenol	500	0.33	0.05	U	0.04	U	0.05	U	0.04	U
Pyrene	500	1,000	0.65	D	0.75	D	0.14	D	0.09	D
Pyridine	~	~	0.18	U	0.18	U	0.18	U	0.18	U
Pesticides, 8081	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			5		5		5		5	
4,4'-DDD	92	14	0.002	U	0.002	U	0.002	U	0.002	U
4,4'-DDE	62	17	0.003	DP	0.002	U	0.002	U	0.002	U
4,4'-DDT	47	136	0.003	DP	0.002	U	0.002	U	0.002	U
Aldrin	0.68	0.19	0.002	U	0.002	U	0.002	U	0.002	U
alpha-BHC	3.4	0.02	0.002	U	0.002	U	0.002	U	0.002	U
alpha-Chlordane	24	2.9	0.002	U	NT		0.002	D	0.002	U
alpha-Chlordane [2C]	24	2.9	NT		0.002	U	NT		NT	
beta-BHC	3	0.09	0.002	U	0.002	U	0.002	U	0.002	U

Table XII: 286 Richmond Valley Road Delineation Boring Analytical Results [continued]

` Sampling Date Client Matrix	NYSDEC Part 375 Commercial SCOs	NYSDEC Part 375 Protection of GW SCOs	DB-7 9/25/2025 Soil		DB-8 9/25/2025 Soil		DB-9 9/25/2025 Soil		DB-10 9/25/2025 Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q
Pesticides, 8081	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			5		5		5		5	
delta-BHC	500	0.25	0.002	U	0.002	U	0.002	U	0.002	U
Dieldrin	1.4	0.1	0.002	U	0.002	U	0.002	U	0.002	U
Endosulfan I	200	102	0.002	U	0.002	U	0.002	U	0.002	U
Endosulfan II	200	102	0.002	U	0.002	U	0.002	U	0.002	U
Endosulfan sulfate	200	1,000	0.002	U	0.002	U	0.002	U	0.002	U
Endrin	89	0.06	0.002	U	0.002	U	0.002	U	0.002	U
gamma-BHC (Lindane)	9.2	0.1	0.002	U	0.002	U	0.002	U	0.002	U
Heptachlor	15	0.38	0.002	U	0.002	U	0.002	U	0.002	U
Metals, TAL	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		1	
Aluminum	~	~	10,700		8,230		12,200		9,930	
Antimony	~	~	2.3	U	2.2	U	2.3	U	2.3	U
Arsenic	16	16	9.1		7.9		10		8.0	
Barium	400	820	75		64		76		60	
Beryllium	590	47	0.8		0.4		0.7		0.4	
Cadmium	9.3	7.5	0.4		0.4		0.3		0.3	U
Calcium	~	~	2,690		3,880		3,630		1,750	
Chromium	~	~	23		19		31		29	
Cobalt	~	~	6.2		6.0		8.4		4.8	
Copper	270	1,720	**293**		217		**464**		121	
Iron	~	~	15,000		13,200		18,800		14,900	
Lead	1,000	450	183		210		172		92	

Table XII: 286 Richmond Valley Road Delineation Boring Analytical Results [continued]

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Commercial SCOs	NYSDEC Part 375 Protection of GW SCOs	DB-7 9/25/2025 Soil		DB-8 9/25/2025 Soil		DB-9 9/25/2025 Soil		DB-10 9/25/2025 Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q
Metals, TAL	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		1	
Magnesium	~	~	2,210		2,000		2,550		2,040	
Manganese	10,000	2,000	291		218		304		155	
Nickel	310	130	21		18		19		12	
Potassium	~	~	1,080		938		1,100		1,100	
Selenium	1,500	4	2.3	U	2.2	U	2.3	U	2.3	U
Silver	1,500	8.3	0.8		0.5	U	0.5	U	0.5	U
Sodium	~	~	106		217		303		109	
Thallium	~	~	1.9	U	1.8	U	1.8	U	1.8	U
Vanadium	~	~	30		24		30		27	
Zinc	10,000	2,480	159		488		693		132	
Mercury	2.8	0.73	0.3		0.1		0.4		0.1	
HERB, 8151 MASTER	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		1	
2,4,5-TP (Silvex)	500	3.8	0.02	U	0.02	U	0.02	U	0.02	U

Table XII: 286 Richmond Valley Road Delineation Boring Analytical Results [continued]

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Commercial SCOs	NYSDEC Part 375 Protection of GW SCOs	DB-7 9/25/2025 Soil		DB-8 9/25/2025 Soil		DB-9 9/25/2025 Soil		DB-10 9/25/2025 Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q
PCBs, 8082	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		1	
Aroclor 1016	~	~	0.02	U	0.02	U	0.02	U	0.02	U
Aroclor 1221	~	~	0.02	U	0.02	U	0.02	U	0.02	U
Aroclor 1232	~	~	0.02	U	0.02	U	0.02	U	0.02	U
Aroclor 1242	~	~	0.02	U	0.02	U	0.02	U	0.02	U
Aroclor 1248	~	~	0.02	U	0.02	U	0.02	U	0.02	U
Aroclor 1254	~	~	0.03		0.02	U	0.02	U	0.02	U
Aroclor 1260	~	~	0.03		0.02	U	0.02	U	0.02	U
Total PCBs	1	3.2	0.06		0.02	U	0.02	U	0.02	U

Table XIII: 286 Richmond Valley Road Soil Export Trucking Log

Date	Manifest Number	Transporter	License Plate	Location	Off-Site Disposal Facility	Material Type	Tonnage
11/11/2025	51297	Valiant Contracting	AY718Y	286 Richmond	Posillico Materials, LLC	Non-Hazardous Waste	19.88
11/11/2025	51296	Valiant Contracting	AY912F	286 Richmond	Posillico Materials, LLC	Non-Hazardous Waste	15.44
11/11/2025	51300	Valiant Contracting	AZ963S	286 Richmond	Posillico Materials, LLC	Non-Hazardous Waste	14.12

Table XIV: 286 Richmond Valley Road Soil Import Trucking Log

Date	Source	Type of Material	Quantity of Material (tons)
12/9/2025	South Shore Materials	Clean Fill	25
12/9/2025	South Shore Materials	Clean Fill	25
12/9/2025	South Shore Materials	Clean Fill	25
12/9/2025	South Shore Materials	Clean Fill	25
12/9/2025	South Shore Materials	Clean Fill	25
12/9/2025	South Shore Materials	Clean Fill	25
12/9/2025	South Shore Materials	Clean Fill	25
12/9/2025	South Shore Materials	Clean Fill	25
12/9/2025	South Shore Materials	Clean Fill	25
12/9/2025	South Shore Materials	Clean Fill	25
12/9/2025	South Shore Materials	Clean Fill	25
12/9/2025	South Shore Materials	Clean Fill	25
12/9/2025	South Shore Materials	Clean Fill	25
12/9/2025	South Shore Materials	Clean Fill	25
12/9/2025	South Shore Materials	Clean Fill	25
12/9/2025	South Shore Materials	Clean Fill	25
12/9/2025	South Shore Materials	Clean Fill	25
12/9/2025	South Shore Materials	Clean Fill	25
12/9/2025	South Shore Materials	Clean Fill	25
12/9/2025	South Shore Materials	Clean Fill	25
12/9/2025	South Shore Materials	Clean Fill	25
12/9/2025	South Shore Materials	Clean Fill	25
12/9/2025	South Shore Materials	Clean Fill	25
12/9/2025	South Shore Materials	Clean Fill	25
12/9/2025	South Shore Materials	Clean Fill	25

Table XV: 286 Richmond Valley Road UST Investigation Soil Sample Results

Sample Name Sampling Date Client Matrix	NYSDEC Part 375 Commercial SCOs	NYSDEC Part 375 Protection of GW SCOs	FP 11/11/25 Soil		Pipe_End 11/11/25 Soil	
Compound			Result	Q	Result	Q
VOCs, 8260 TCL	mg/Kg	mg/Kg	mg/Kg		mg/Kg	
Dilution Factor			1		1	
1,1,1,2-Tetrachloroethane	~	~	0.002	U	0.003	U
1,1,1-Trichloroethane	500	0.68	0.002	U	0.003	U
1,1,2,2-Tetrachloroethane	~	~	0.002	U	0.003	U
1,1,2-Trichloro-1,2,2-trifluoroethane	~	~	0.002	U	0.003	U
1,1,2-Trichloroethane	~	~	0.002	U	0.003	U
1,1-Dichloroethane	240	0.27	0.002	U	0.003	U
1,1-Dichloroethylene	500	0.33	0.002	U	0.003	U
1,1-Dichloropropylene	~	~	0.002	U	0.003	U
1,2,3-Trichlorobenzene	~	~	0.002	U	0.003	U
1,2,3-Trichloropropane	~	~	0.002	U	0.003	U
1,2,4,5-Tetramethylbenzene	~	~	0.002	U	0.003	U
1,2,4-Trichlorobenzene	~	~	0.002	U	0.003	U
1,2,4-Trimethylbenzene	190	3.6	0.002	U	0.003	U
1,2-Dibromo-3-chloropropane	~	~	0.002	U	0.003	U
1,2-Dibromoethane	~	~	0.002	U	0.003	U
1,2-Dichlorobenzene	500	1.1	0.002	U	0.003	U
1,2-Dichloroethane	30	0.02	0.002	U	0.003	U
1,2-Dichloropropane	~	~	0.002	U	0.003	U
1,3,5-Trimethylbenzene	190	8.4	0.002	U	0.003	U
1,3-Dichlorobenzene	280	2.4	0.002	U	0.003	U
1,3-Dichloropropane	~	~	0.002	U	0.003	U
1,4-Dichlorobenzene	130	1.8	0.002	U	0.003	U
2,2-Dichloropropane	~	~	0.002	U	0.003	U
2-Butanone	500	0.12	0.002	U	0.003	U
2-Chloroethylvinyl ether	~	~	0.009	U	0.010	U
2-Chlorotoluene	~	~	0.002	U	0.003	U
2-Hexanone	~	~	0.002	U	0.003	U
4-Chlorotoluene	~	~	0.002	U	0.003	U
4-Methyl-2-pentanone	~	~	0.002	U	0.003	U
Acetone	500	0.05	0.004	U	0.005	U
Acrolein	~	~	0.004	U	0.005	U
Acrylonitrile	~	~	0.002	U	0.003	U
Benzene	44	0.06	0.002	U	0.003	U
Bromobenzene	~	~	0.002	U	0.003	U

Table XV: 286 Richmond Valley Road UST Investigation Soil Sample Results [continued]

Sample Name Sampling Date Client Matrix	NYSDEC Part 375 Commercial SCOs	NYSDEC Part 375 Protection of GW SCOs	FP 11/11/25 Soil		Pipe_End 11/11/25 Soil	
Compound			Result	Q	Result	Q
VOCs, 8260 TCL	mg/Kg	mg/Kg	mg/Kg		mg/Kg	
Dilution Factor			1		1	
Bromochloromethane	~	~	0.002	U	0.003	U
Bromodichloromethane	~	~	0.002	U	0.003	U
Bromoform	~	~	0.002	U	0.003	U
Bromomethane	~	~	0.002	U	0.003	U
Carbon disulfide	~	~	0.002	U	0.003	U
Carbon tetrachloride	22	0.76	0.002	U	0.003	U
Chlorobenzene	500	1.1	0.002	U	0.003	U
Chloroethane	~	~	0.002	U	0.003	U
Chloroform	350	0.37	0.002	U	0.003	U
Chloromethane	~	~	0.002	U	0.003	U
cis-1,2-Dichloroethylene	~	~	0.002	U	0.003	U
cis-1,3-Dichloropropylene	~	~	0.002	U	0.003	U
Cyclohexane	~	~	0.002	U	0.003	U
Dibromochloromethane	~	~	0.002	U	0.003	U
Dibromomethane	~	~	0.002	U	0.003	U
Dichlorodifluoromethane	~	~	0.002	U	0.003	U
Diisopropyl ether (DIPE)	~	~	0.003	U	0.004	U
Ethanol	~	~	0.034	U	0.041	U
Ethyl Benzene	390	1	0.002	U	0.003	U
Ethyl tert-butyl ether (ETBE)	~	~	0.003	U	0.004	U
Hexachlorobutadiene	~	~	0.002	U	0.003	U
Iodomethane	~	~	0.002	U	0.003	U
Isopropylbenzene	~	~	0.002	U	0.003	U
Methyl acetate	~	~	0.002	U	0.003	U
Methyl Methacrylate	~	~	0.002	U	0.003	U
Methyl tert-butyl ether (MTBE)	500	0.93	0.002	U	0.003	U
Methylcyclohexane	~	~	0.002	U	0.003	U
Methylene chloride	500	0.05	0.004	U	0.005	U
Naphthalene	500	12	0.002	U	0.003	U
n-Butylbenzene	500	12	0.002	U	0.003	U
n-Propylbenzene	500	3.9	0.002	U	0.003	U
o-Xylene	~	~	0.002	U	0.003	U
p- & m- Xylenes	~	~	0.004	U	0.005	U
p-Diethylbenzene	~	~	0.002	U	0.003	U

Table XV: 286 Richmond Valley Road UST Investigation Soil Sample Results [continued]

Sample Name Sampling Date Client Matrix	NYSDEC Part 375 Commercial SCOs	NYSDEC Part 375 Protection of GW SCOs	FP 11/11/25 Soil		Pipe_End 11/11/25 Soil	
Compound			Result	Q	Result	Q
VOCs, 8260 TCL	mg/Kg	mg/Kg	mg/Kg		mg/Kg	
Dilution Factor			1		1	
p-Ethyltoluene	~	~	0.002	U	0.003	U
p-Isopropyltoluene	~	~	0.002	U	0.003	U
sec-Butylbenzene	500	11	0.002	U	0.003	U
Styrene	~	~	0.002	U	0.003	U
tert-Amyl alcohol (TAA)	~	~	0.034	U	0.041	U
tert-Amyl methyl ether (TAME)	~	~	0.003	U	0.004	U
tert-Butyl alcohol (TBA)	~	~	0.011	U	0.013	U
tert-Butylbenzene	500	5.9	0.002	U	0.003	U
Tetrachloroethylene	150	1.3	0.002	U	0.003	U
Tetrahydrofuran	~	~	0.004	U	0.005	U
Toluene	500	0.7	0.002	U	0.003	U
trans-1,2-Dichloroethylene	500	0.19	0.002	U	0.003	U
trans-1,3-Dichloropropylene	~	~	0.002	U	0.003	U
trans-1,4-dichloro-2-butene	~	~	0.002	U	0.003	U
Trichloroethylene	200	0.47	0.002	U	0.003	U
Trichlorofluoromethane	~	~	0.002	U	0.003	U
Vinyl acetate	~	~	0.002	U	0.003	U
Vinyl Chloride	13	0.02	0.002	U	0.003	U
Xylenes, Total	500	1.6	0.007	U	0.008	U
SVOCs, 8270 TCL	mg/Kg	mg/Kg	mg/Kg		mg/Kg	
Dilution Factor			2		2	
1,1-Biphenyl	~	~	0.05	U	0.05	U
1,2,4,5-Tetrachlorobenzene	~	~	0.09	U	0.10	U
1,2,4-Trichlorobenzene	~	~	0.05	U	0.05	U
1,2-Dichlorobenzene	500	1.1	0.05	U	0.05	U
1,2-Diphenylhydrazine (as Azobenzene)	~	~	0.05	U	0.05	U
1,3-Dichlorobenzene	280	2.4	0.05	U	0.05	U
1,4-Dichlorobenzene	130	1.8	0.05	U	0.05	U
2,3,4,6-Tetrachlorophenol	~	~	0.09	U	0.10	U
2,4,5-Trichlorophenol	~	~	0.05	U	0.05	U
2,4,6-Trichlorophenol	~	~	0.05	U	0.05	U
2,4-Dichlorophenol	~	~	0.05	U	0.05	U
2,4-Dimethylphenol	~	~	0.05	U	0.05	U
2,4-Dinitrophenol	~	~	0.09	U	0.10	U

Table XV: 286 Richmond Valley Road UST Investigation Soil Sample Results [continued]

Sample Name Sampling Date Client Matrix	NYSDEC Part 375 Commercial SCOs	NYSDEC Part 375 Protection of GW SCOs	FP 11/11/25 Soil		Pipe_End 11/11/25 Soil	
Compound			Result	Q	Result	Q
SVOCs, 8270 TCL	mg/Kg	mg/Kg	mg/Kg		mg/Kg	
Dilution Factor			1		1	
2,4-Dinitrotoluene	~	~	0.05	U	0.05	U
2,6-Dinitrotoluene	~	~	0.05	U	0.05	U
2-Chloronaphthalene	~	~	0.05	U	0.05	U
2-Chlorophenol	~	~	0.05	U	0.05	U
2-Methylnaphthalene	~	~	0.05	U	0.05	U
2-Methylphenol	500	0.33	0.05	U	0.05	U
2-Nitroaniline	~	~	0.09	U	0.10	U
2-Nitrophenol	~	~	0.05	U	0.05	U
3- & 4-Methylphenols	~	~	0.05	U	0.05	U
3,3-Dichlorobenzidine	~	~	0.05	U	0.05	U
3-Nitroaniline	~	~	0.09	U	0.10	U
4,6-Dinitro-2-methylphenol	~	~	0.09	U	0.10	U
4-Bromophenyl phenyl ether	~	~	0.05	U	0.05	U
4-Chloro-3-methylphenol	~	~	0.05	U	0.05	U
4-Chloroaniline	~	~	0.05	U	0.05	U
4-Chlorophenyl phenyl ether	~	~	0.05	U	0.05	U
4-Nitroaniline	~	~	0.09	U	0.10	U
4-Nitrophenol	~	~	0.09	U	0.10	U
Acenaphthene	500	98	0.05	U	0.05	U
Acenaphthylene	500	107	0.05	U	0.05	U
Acetophenone	~	~	0.05	U	0.05	U
Aniline	~	~	0.18	U	0.20	U
Anthracene	500	1,000	0.05	U	0.05	U
Atrazine	~	~	0.05	U	0.05	U
Benzaldehyde	~	~	0.05	U	0.05	U
Benzidine	~	~	0.18	U	0.20	U
Benzo(a)anthracene	5.6	1	0.05	U	0.10	D
Benzo(a)pyrene	1	22	0.05	U	0.09	JD
Benzo(b)fluoranthene	5.6	1.7	0.05	U	0.08	JD
Benzo(g,h,i)perylene	500	1,000	0.05	U	0.05	JD
Benzo(k)fluoranthene	56	1.7	0.05	U	0.08	JD
Benzoic acid	~	~	0.05	U	0.05	U
Benzyl alcohol	~	~	0.05	U	0.05	U
Benzyl butyl phthalate	~	~	0.05	U	0.05	U

Table XV: 286 Richmond Valley Road UST Investigation Soil Sample Results [continued]

Sample Name Sampling Date Client Matrix	NYSDEC Part 375 Commercial SCOs	NYSDEC Part 375 Protection of GW SCOs	FP 11/11/25 Soil		Pipe_End 11/11/25 Soil	
Compound			Result	Q	Result	Q
SVOCs, 8270 TCL	mg/Kg	mg/Kg	mg/Kg		mg/Kg	
Dilution Factor			1		1	
Bis(2-chloroethoxy)methane	~	~	0.05	U	0.05	U
Bis(2-chloroethyl)ether	~	~	0.05	U	0.05	U
Bis(2-chloroisopropyl)ether	~	~	0.05	U	0.05	U
Bis(2-ethylhexyl)phthalate	~	~	0.05	U	0.05	U
Caprolactam	~	~	0.09	U	0.10	U
Carbazole	~	~	0.05	U	0.05	U
Chrysene	56	1	0.05	U	0.10	JD
Dibenzo(a,h)anthracene	0.56	1,000	0.05	U	0.05	U
Dibenzofuran	350	210	0.05	U	0.05	U
Diethyl phthalate	~	~	0.05	U	0.05	U
Dimethyl phthalate	~	~	0.05	U	0.05	U
Di-n-butyl phthalate	~	~	0.05	U	0.05	U
Di-n-octyl phthalate	~	~	0.05	U	0.05	U
Fluoranthene	500	1,000	0.06	JD	0.19	D
Fluorene	500	386	0.05	U	0.05	U
Hexachlorobenzene	6	3.2	0.05	U	0.05	U
Hexachlorobutadiene	~	~	0.05	U	0.05	U
Hexachlorocyclopentadiene	~	~	0.05	U	0.05	U
Hexachloroethane	~	~	0.05	U	0.05	U
Indeno(1,2,3-cd)pyrene	5.6	8.2	0.05	U	0.06	JD
Isophorone	~	~	0.05	U	0.05	U
Naphthalene	500	12	0.05	U	0.05	U
Nitrobenzene	~	~	0.05	U	0.05	U
N-Nitrosodimethylamine	~	~	0.05	U	0.05	U
N-nitroso-di-n-propylamine	~	~	0.05	U	0.05	U
N-Nitrosodiphenylamine	~	~	0.05	U	0.05	U
Pentachlorophenol	6.7	0.8	0.05	U	0.05	U
Phenanthrene	500	1,000	0.05	U	0.12	D
Phenol	500	0.33	0.05	U	0.05	U
Pyrene	500	1,000	0.06	JD	0.15	D
Pyridine	~	~	0.18	U	0.20	U

Table XVI: 236 Richmond Valley Road Waste Characterization Data

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use SCOs	Grab-1 11/26/25 Soil		Composite-1 11/26/25 Soil	
Compound	Result	Q	Result	Q
VOCs, 8260	mg/Kg	mg/Kg			
Dilution Factor		1			
1,1,1,2-Tetrachloroethane	~	0.004	U	NT	
1,1,1-Trichloroethane	0.68	0.004	U	NT	
1,1,2,2-Tetrachloroethane	~	0.004	U	NT	
1,1,2-Trichloro-1,2,2-trifluoroethane	~	0.004	U	NT	
1,1,2-Trichloroethane	~	0.004	U	NT	
1,1-Dichloroethane	0.27	0.004	U	NT	
1,1-Dichloroethylene	0.33	0.004	U	NT	
1,1-Dichloropropylene	~	0.004	U	NT	
1,2,3-Trichlorobenzene	~	0.004	U	NT	
1,2,3-Trichloropropane	~	0.004	U	NT	
1,2,4,5-Tetramethylbenzene	~	0.004	U	NT	
1,2,4-Trichlorobenzene	~	0.004	U	NT	
1,2,4-Trimethylbenzene	3.6	0.004	U	NT	
1,2-Dibromo-3-chloropropane	~	0.004	U	NT	
1,2-Dibromoethane	~	0.004	U	NT	
1,2-Dichlorobenzene	1.1	0.004	U	NT	
1,2-Dichloroethane	0.02	0.004	U	NT	
1,2-Dichloropropane	~	0.004	U	NT	
1,3,5-Trimethylbenzene	8.4	0.004	U	NT	
1,3-Dichlorobenzene	2.4	0.004	U	NT	
1,3-Dichloropropane	~	0.004	U	NT	
1,4-Dichlorobenzene	1.8	0.004	U	NT	
2,2-Dichloropropane	~	0.004	U	NT	
2-Butanone	0.12	0.004	U	NT	
2-Chloroethylvinyl ether	~	0.016	U	NT	
2-Chlorotoluene	~	0.004	U	NT	
2-Hexanone	~	0.004	U	NT	
4-Chlorotoluene	~	0.004	U	NT	
4-Methyl-2-pentanone	~	0.004	U	NT	
Acetone	0.05	0.008	U	NT	
Acrolein	~	0.008	U	NT	
Acrylonitrile	~	0.004	U	NT	
Benzene	0.06	0.004	U	NT	
Bromobenzene	~	0.004	U	NT	

Table XVI: 236 Richmond Valley Road Waste Characterization Data [continued]

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use SCOs	Grab-1 11/26/25 Soil		Composite-1 11/26/25 Soil	
Compound		Result	Q	Result	Q
VOCs, 8260	mg/Kg	mg/Kg			
Dilution Factor		1			
Bromochloromethane	~	0.004	U	NT	
Bromodichloromethane	~	0.004	U	NT	
Bromoform	~	0.004	U	NT	
Bromomethane	~	0.004	U	NT	
Carbon disulfide	~	0.004	U	NT	
Carbon tetrachloride	0.76	0.004	U	NT	
Chlorobenzene	1.1	0.004	U	NT	
Chloroethane	~	0.004	U	NT	
Chloroform	0.37	0.004	U	NT	
Chloromethane	~	0.004	U	NT	
cis-1,2-Dichloroethylene	~	0.004	U	NT	
cis-1,3-Dichloropropylene	~	0.004	U	NT	
Cyclohexane	~	0.004	U	NT	
Dibromochloromethane	~	0.004	U	NT	
Dibromomethane	~	0.004	U	NT	
Dichlorodifluoromethane	~	0.004	U	NT	
Ethanol	~	0.063	U	NT	
Ethyl Benzene	1	0.004	U	NT	
Ethyl tert-butyl ether (ETBE)	~	0.006	U	NT	
Hexachlorobutadiene	~	0.004	U	NT	
Iodomethane	~	0.004	U	NT	
Isopropylbenzene	~	0.004	U	NT	
Methyl acetate	~	0.004	U	NT	
Methyl Methacrylate	~	0.004	U	NT	
Methyl tert-butyl ether (MTBE)	0.93	0.004	U	NT	
Methylcyclohexane	~	0.004	U	NT	
Methylene chloride	0.05	0.008	U	NT	
Naphthalene	12	0.004	U	NT	
n-Butylbenzene	12	0.004	U	NT	
n-Propylbenzene	3.9	0.004	U	NT	
o-Xylene	~	0.004	U	NT	
p- & m- Xylenes	~	0.008	U	NT	
p-Diethylbenzene	~	0.004	U	NT	

Table XVI: 236 Richmond Valley Road Waste Characterization Data [continued]

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use SCOs	Grab-1 11/26/25 Soil		Composite-1 11/26/25 Soil	
Compound		Result	Q	Result	Q
VOCs, 8260	mg/Kg	mg/Kg			
Dilution Factor		1			
p-Ethyltoluene	~	0.004	U	NT	
p-Isopropyltoluene	~	0.004	U	NT	
sec-Butylbenzene	11	0.004	U	NT	
Styrene	~	0.004	U	NT	
tert-Amyl alcohol (TAA)	~	0.063	U	NT	
tert-Amyl methyl ether (TAME)	~	0.006	U	NT	
tert-Butyl alcohol (TBA)	~	0.020	U	NT	
tert-Butylbenzene	5.9	0.004	U	NT	
Tetrachloroethylene	1.3	0.004	U	NT	
Tetrahydrofuran	~	0.008	U	NT	
Toluene	0.7	0.004	U	NT	
trans-1,2-Dichloroethylene	0.19	0.004	U	NT	
trans-1,3-Dichloropropylene	~	0.004	U	NT	
trans-1,4-dichloro-2-butene	~	0.004	U	NT	
Trichloroethylene	0.47	0.004	U	NT	
Trichlorofluoromethane	~	0.004	U	NT	
Vinyl acetate	~	0.004	U	NT	
Vinyl Chloride	0.02	0.004	U	NT	
Xylenes, Total	0.26	0.012	U	NT	
VOCs, TCLP	mg/Kg	mg/L			
Dilution Factor		1.000			
1,1-Dichloroethylene	~	0.003	U	NT	
1,2-Dichloroethane	~	0.003	U	NT	
1,4-Dichlorobenzene	~	0.003	U	NT	
2-Butanone	~	0.003	U	NT	
Benzene	~	0.003	U	NT	
Carbon tetrachloride	~	0.003	U	NT	
Chlorobenzene	~	0.003	U	NT	
Chloroform	~	0.003	U	NT	
Tetrachloroethylene	~	0.003	U	NT	
Trichloroethylene	~	0.003	U	NT	
Vinyl Chloride	~	0.003	U	NT	

Table XVI: 236 Richmond Valley Road Waste Characterization Data [continued]

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use SCOs	Grab-1 11/26/25 Soil		Composite-1 11/26/25 Soil	
Compound		Result	Q	Result	Q
SVOCs, TCLP	mg/Kg			mg/L	
Dilution Factor				1	
1,4-Dichlorobenzene	~	NT		0.01	U
2,4,5-Trichlorophenol	~	NT		0.01	U
2,4,6-Trichlorophenol	~	NT		0.01	U
2,4-Dinitrotoluene	~	NT		0.01	U
2-Methylphenol	~	NT		0.01	U
3- & 4-Methylphenols	~	NT		0.01	U
Cresols, total	~	NT		0.02	U
Hexachlorobenzene	~	NT		0.01	U
Hexachlorobutadiene	~	NT		0.01	U
Hexachloroethane	~	NT		0.00	U
Nitrobenzene	~	NT		0.01	U
Pentachlorophenol	~	NT		0.01	U
Pyridine	~	NT		0.01	U
Pesticides, TCLP	mg/Kg			mg/L	
Dilution Factor				1.00	
Endrin	~	NT		0.00	U
gamma-BHC (Lindane)	~	NT		0.00	U
Heptachlor	~	NT		0.00	U
Heptachlor epoxide	~	NT		0.00	U
Methoxychlor	~	NT		0.00	U
Toxaphene	~	NT		0.00	U
Copper, TCLP	mg/Kg			mg/L	
Dilution Factor				1.00	
Copper	~	NT		0.50	U
Metals, TCLP RCRA	mg/Kg			mg/L	
Dilution Factor				1.00	
Arsenic	~	NT		0.38	U
Barium	~	NT		0.63	U
Cadmium	~	NT		0.08	U
Chromium	~	NT		0.13	U
Lead	~	NT		0.13	U
Selenium	~	NT		0.63	U
Silver	~	NT		0.13	U

Table XVI: 236 Richmond Valley Road Waste Characterization Data [continued]

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use SCOs	Grab-1 11/26/25 Soil		Composite-1 11/26/25 Soil	
Compound		Result	Q	Result	Q
Nickel, TCLP	mg/Kg			mg/L	
Dilution Factor				1.00	
Nickel	~	NT		0.25	U
Zinc, TCLP	mg/Kg			mg/L	
Dilution Factor				1.00	
Zinc	~	NT		0.63	U
Mercury, TCLP	mg/Kg			mg/L	
Dilution Factor				1.00	
Mercury	~	NT		0.00	U
Ammonia as N, Water Leachable				mg/L	
Dilution Factor				1.00	
Ammonia Nitrogen as N	~	NT		0.05	U
Chemical Oxygen Demand, Water Leachable				mg/L	
Dilution Factor				1.00	
Chemical Oxygen Demand (COD)	~	NT		29.00	
Corrosivity (pH)				pH units	
Dilution Factor				1.00	
pH	~	NT		7.71	
DI Water Leach				-	
Dilution Factor				1.00	
DI Water Extraction	~	NT		Completed	
Ignitability				None	
Dilution Factor				1.00	
Ignitability	~	NT		Non-Ignit.	
Paint Filter Test				None	
Dilution Factor				1.00	
Paint Filter Test	~	NT		No Free Liquid	
pH of TCLP Extract				pH units	
Dilution Factor				1.00	
pH	~	NT		5.90	
Reactivity-Cyanide				mg/kg	
Dilution Factor				1.00	
Reactivity - Cyanide	~	NT		0.25	U

Table XVI: 236 Richmond Valley Road Waste Characterization Data [continued]

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use SCOs	Grab-1 11/26/25 Soil		Composite-1 11/26/25 Soil	
Compound		Result	Q	Result	Q
Reactivity-Sulfide				mg/kg	
Dilution Factor				1.00	
Reactivity - Sulfide	~	NT		16.00	
Temperature				°C	
Dilution Factor				1.00	
Temperature	~	NT		23.20	
Total Solids		%		%	
Dilution Factor		1		1.00	
% Solids	~	78.700		83.90	
Total Solids (Aq), Water Leachable				mg/L	
Dilution Factor				1.00	
Total Solids	~	NT		106.00	
Volatile Solids				%	
Dilution Factor				1.00	
Volatile Solids	~	NT		6.06	
1664 Oil & Grease ASTM 250ML				mg/L	
Dilution Factor				1.00	
Oil/Grease Hexane Extractable	~	NT		2.30	J
HERB, TCLP MASTER	mg/Kg			mg/L	
Dilution Factor				1.00	
2,4,5-TP (Silvex)	~	NT		0.01	U
2,4-D	~	NT		0.01	U
Oil HEM and SGT-HEM by 9071B				mg/kg	
Dilution Factor				1	
Hexane Extractable Material	~	NT		100	U

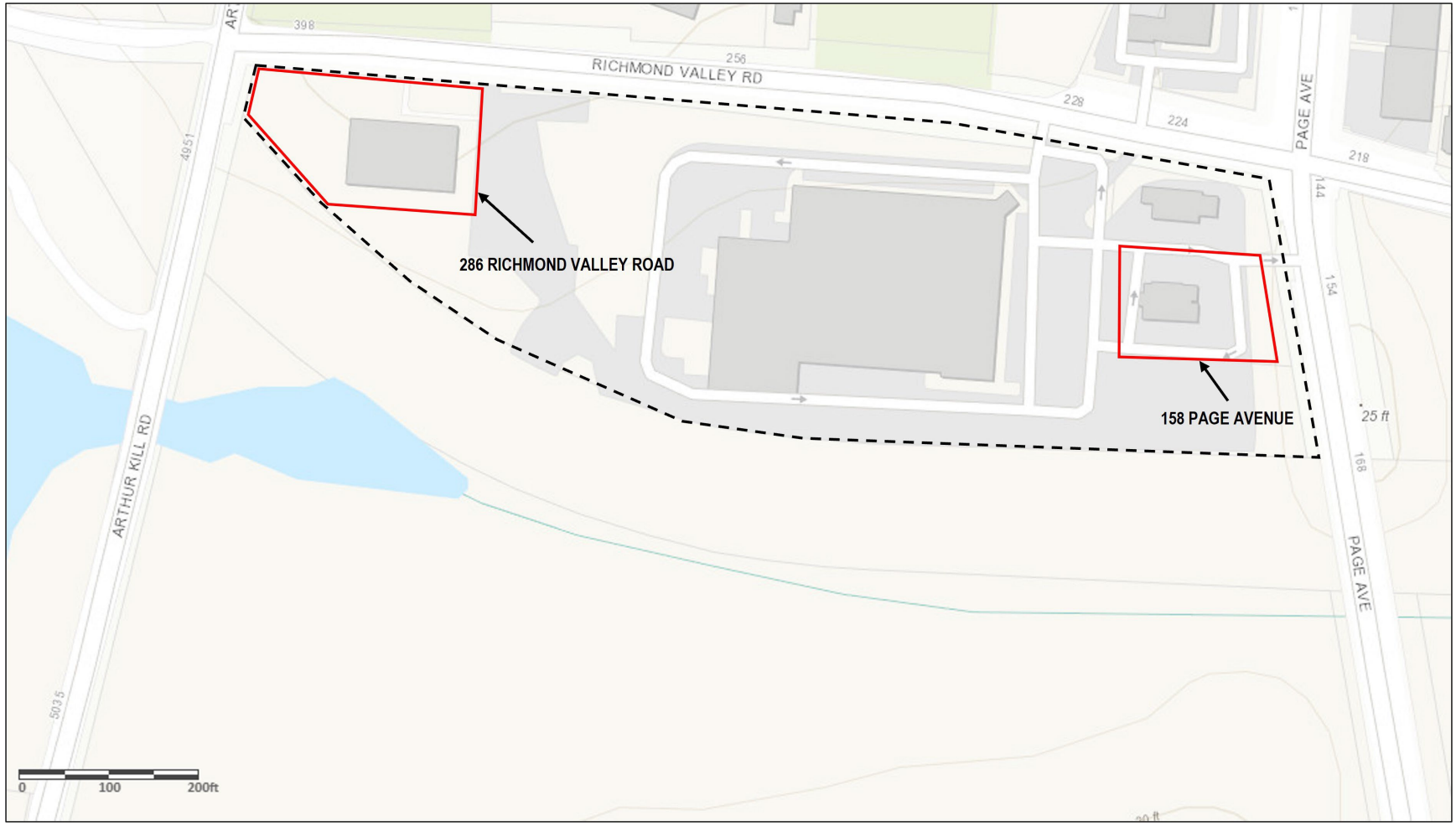
Table XVI: 236 Richmond Valley Road Waste Characterization Data [continued]

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use SCOs	Grab-1 11/26/25 Soil		Composite-1 11/26/25 Soil	
Compound		Result	Q	Result	Q
PCB, 8082 MASTER	mg/Kg			mg/Kg	
Dilution Factor				1	
Aroclor 1016	~	NT		0.02	U
Aroclor 1221	~	NT		0.02	U
Aroclor 1232	~	NT		0.02	U
Aroclor 1242	~	NT		0.02	U
Aroclor 1248	~	NT		0.02	U
Aroclor 1254	~	NT		0.02	U
Aroclor 1260	~	NT		0.02	U
Total PCBs	0.1	NT		0.02	U

Table XVII: 236 Richmond Valley Road Soil Export Trucking Log

Date	Manifest Number	Transporter	License Plate	Location	Off-Site Disposal Facility	Material Type	Tonnage
1/7/2026	1307718	Eastside Bulk	AY584H	236 Richmond	Apex Sanitary Landfill via DART	Non-Hazardous Waste	3.24

FIGURES



ASR
53 West Hills Road
Huntington Station, NY 11746

PHONE: 631-673-0612
FAX: 631-427-5323

WWW.ASKASR.COM

FIGURE 1.0
Site Location and Work Areas

Nassau Metals OU-2,
Staten Island, NY.

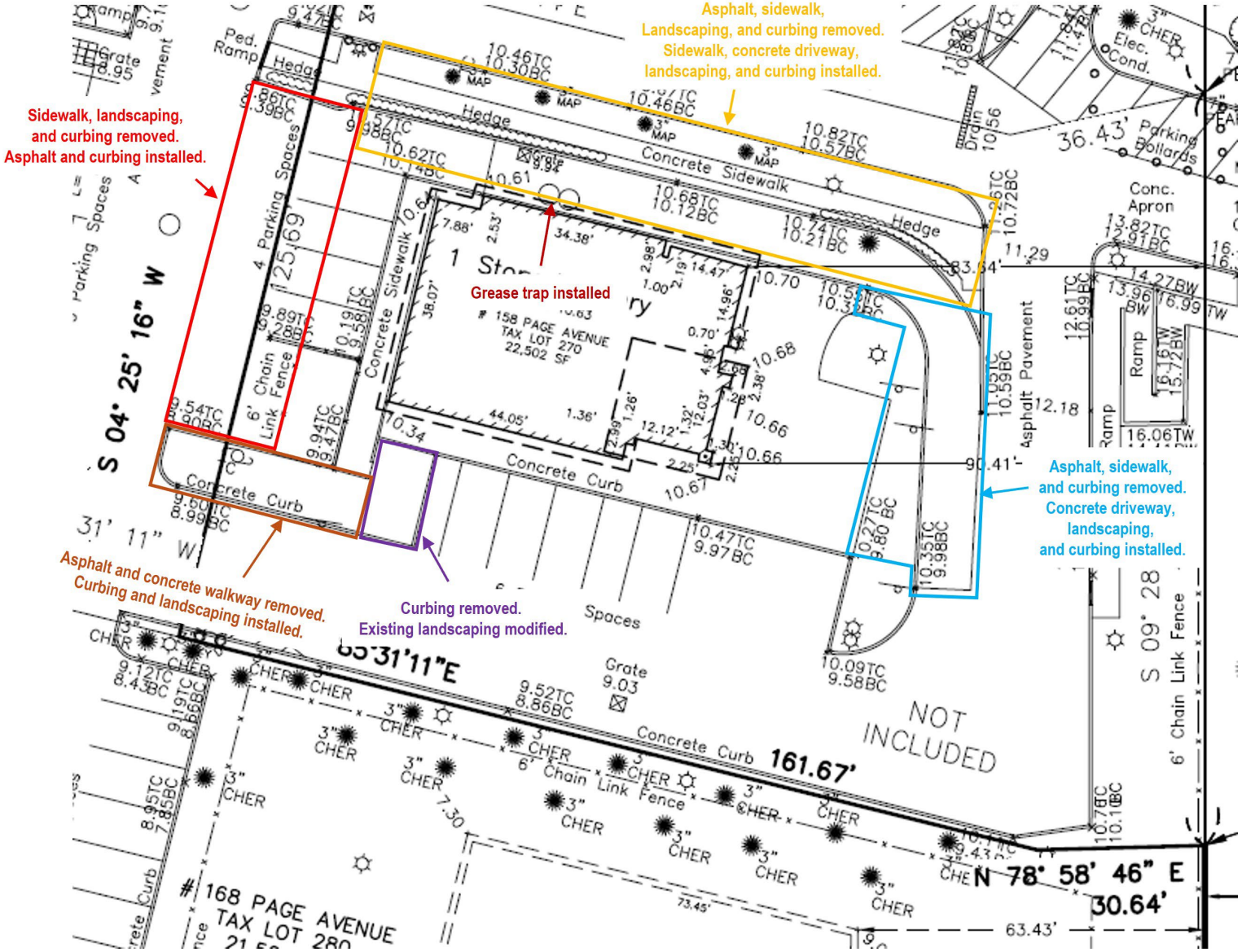
PROJECT: A22-115
DRAWING DATE: 10/30/24
DRAWN BY: JB
CHECKED BY: MC
REVISIONS: N/A

KEY

Site Boundary

Work Area

N
W E
S



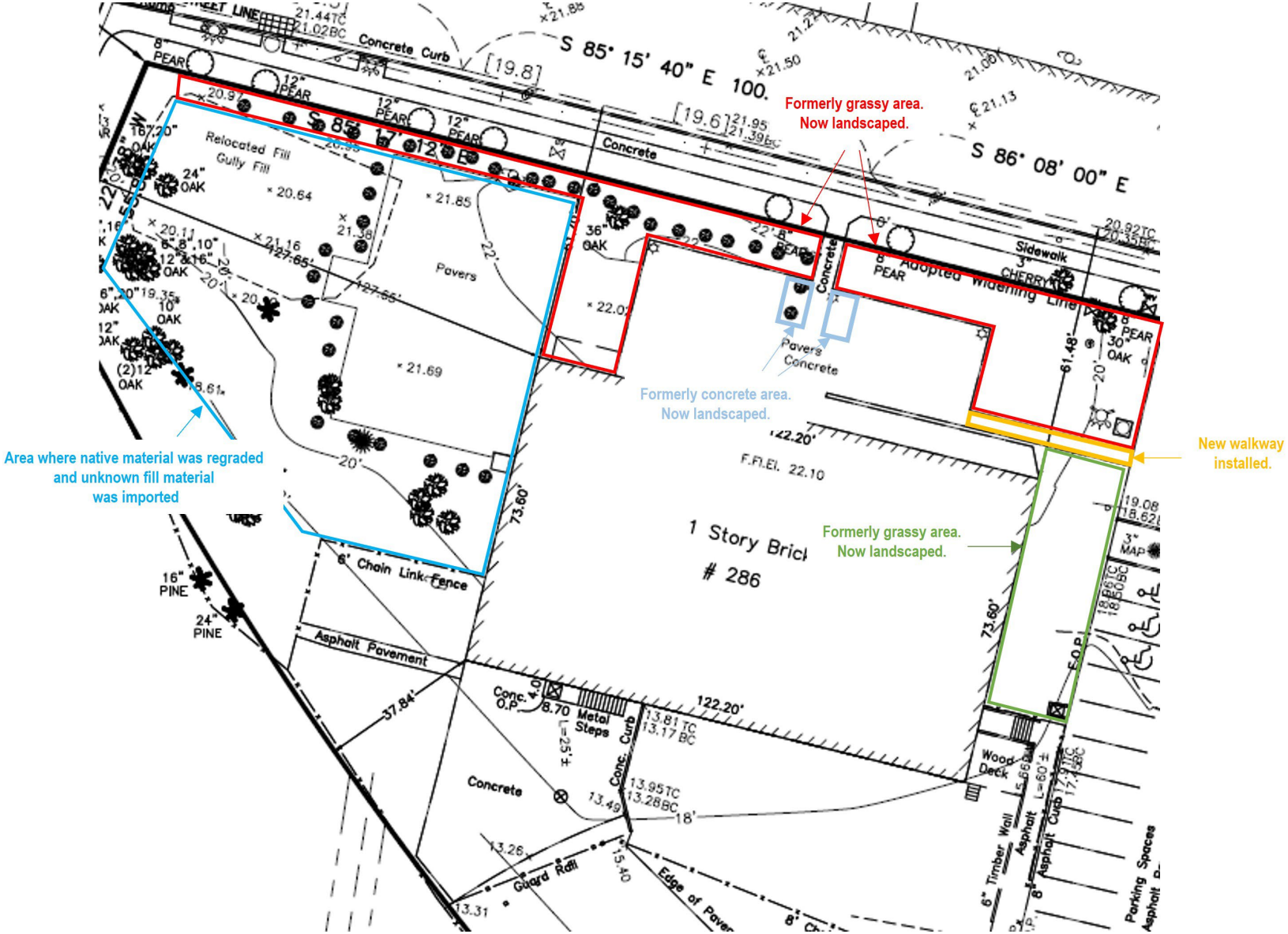
ASR
53 West Hills Road
Huntington Station, NY 11746
PHONE: 631-673-0612
FAX: 631-427-5323
WWW.ASKASR.COM

FIGURE 2.0
EXTENT OF MODIFICATIONS AT 158 PAGE AVENUE

Nassau Metals OU-2,
Staten Island, NY.

PROJECT: A22-115
DRAWING DATE: 10/30/24
DRAWN BY: JB
CHECKED BY: MC
REVISIONS: N/A

N
W E
S



ASR

53 West Hills Road
Huntington Station, NY 11746

PHONE: 631-673-0612
FAX: 631-427-5323

WWW.ASKASR.COM

FIGURE 3.0
EXTENT OF MODIFICATIONS AT 286 RICHMOND VALLEY ROAD

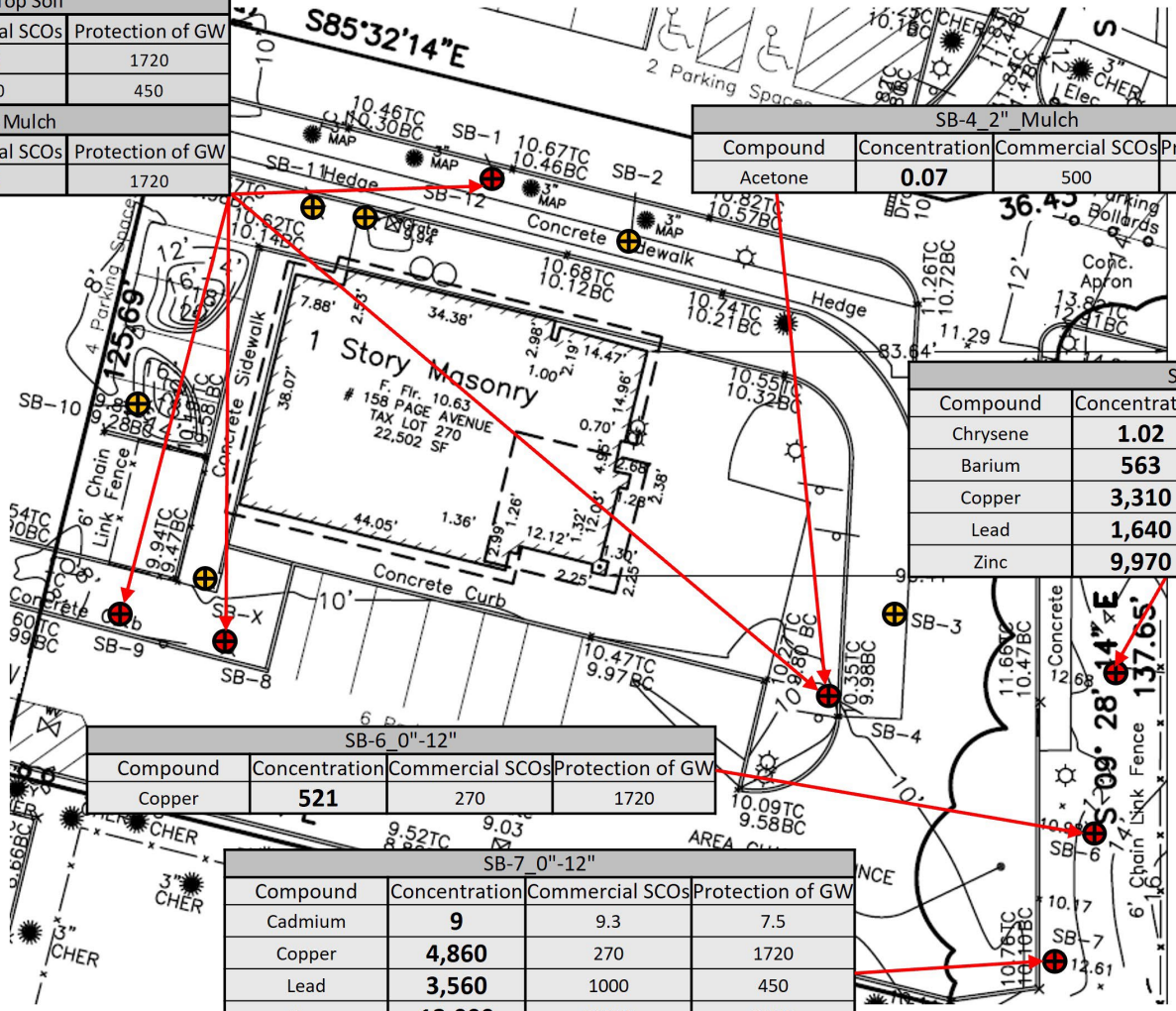
Nassau Metals OU-2,
Staten Island, NY.

PROJECT: A22-115
DRAWING DATE: 10/30/24
DRAWN BY: JB
CHECKED BY: MC
REVISIONS: N/A

N
W E
S

Paige Avenue Composite Top Soil			
Compound	Concentration	Commercial SCOs	Protection of GW
Copper	**758**	270	1720
Lead	**669**	1000	450

Paige Avenue Composite Mulch			
Compound	Concentration	Commercial SCOs	Protection of GW
Copper	**402**	270	1720



SB-4_2"_Mulch			
Compound	Concentration	Commercial SCOs	Protection of GW
Acetone	**0.07**	500	0.05

SB-5_0"-12"			
Compound	Concentration	Commercial SCOs	Protection of GW
Chrysene	**1.02**	56	1
Barium	**563**	400	820
Copper	**3,310**	270	1720
Lead	**1,640**	1000	450
Zinc	**9,970**	10000	2480

SB-6_0"-12"			
Compound	Concentration	Commercial SCOs	Protection of GW
Copper	**521**	270	1720

SB-7_0"-12"			
Compound	Concentration	Commercial SCOs	Protection of GW
Cadmium	**9**	9.3	7.5
Copper	**4,860**	270	1720
Lead	**3,560**	1000	450
Zinc	**12,000**	10000	2480
Mercury	**2.3**	2.8	0.73
Total PCBS	**1.2**	1	3.2

ASR

53 West Hills Road
Huntington Station, NY 11746

PHONE: 631-673-0612
FAX: 631-427-5323

WWW.ASKASR.COM

FIGURE 4.0
Sampling Locations and Exceedances at 158 Page Avenue

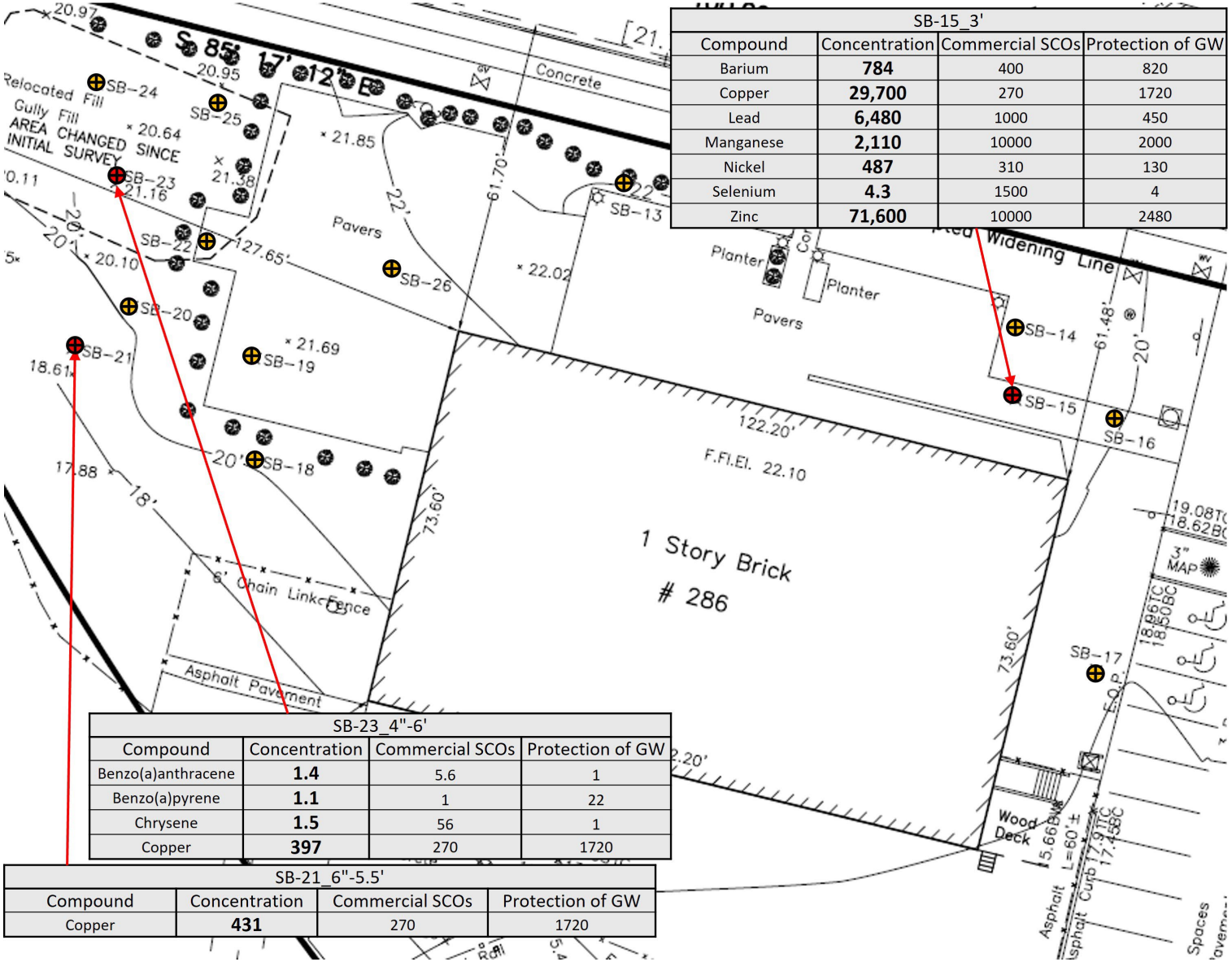
Nassau Metals OU-2,
158 Page Avenue,
Staten Island, NY.

PROJECT: A22-115
DRAWING DATE: 11/12/24
DRAWN BY: CG
CHECKED BY: JB
REVISIONS: N/A

KEY

- Soil Boring Location
- Soil Boring with exceedance

N W E S



53 West Hills Road
Huntington Station, NY 11746

PHONE: 631-673-0612
FAX: 631-427-5323

WWW.ASKASR.COM

FIGURE 5.0
Sampling Locations and Exceedances at 286 Richmond Valley Road

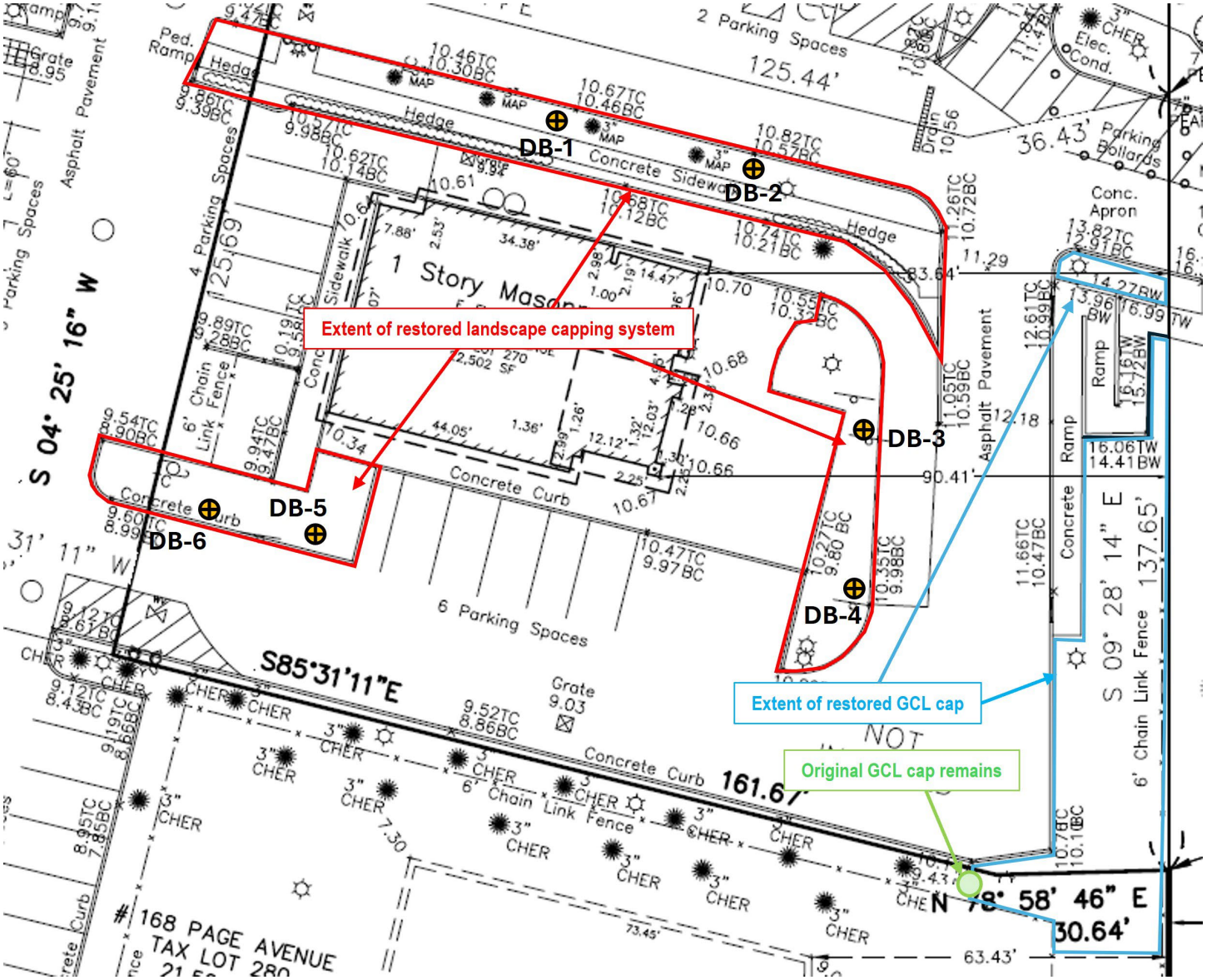
Nassau Metals OU-2,
286 Richmond Valley Road,
Staten Island, NY.

PROJECT: A22-115
DRAWING DATE: 11/12/24
DRAWN BY: CG
CHECKED BY: JB
REVISIONS: N/A

KEY

- Soil Boring Location
- Soil Boring with exceedance

N W E S



ASR

53 West Hills Road
Huntington Station, NY 11746

PHONE: 631-673-0612
FAX: 631-427-5323

WWW.ASKASR.COM

FIGURE 6.0
Restored Capping Systems at 158 Page Avenue

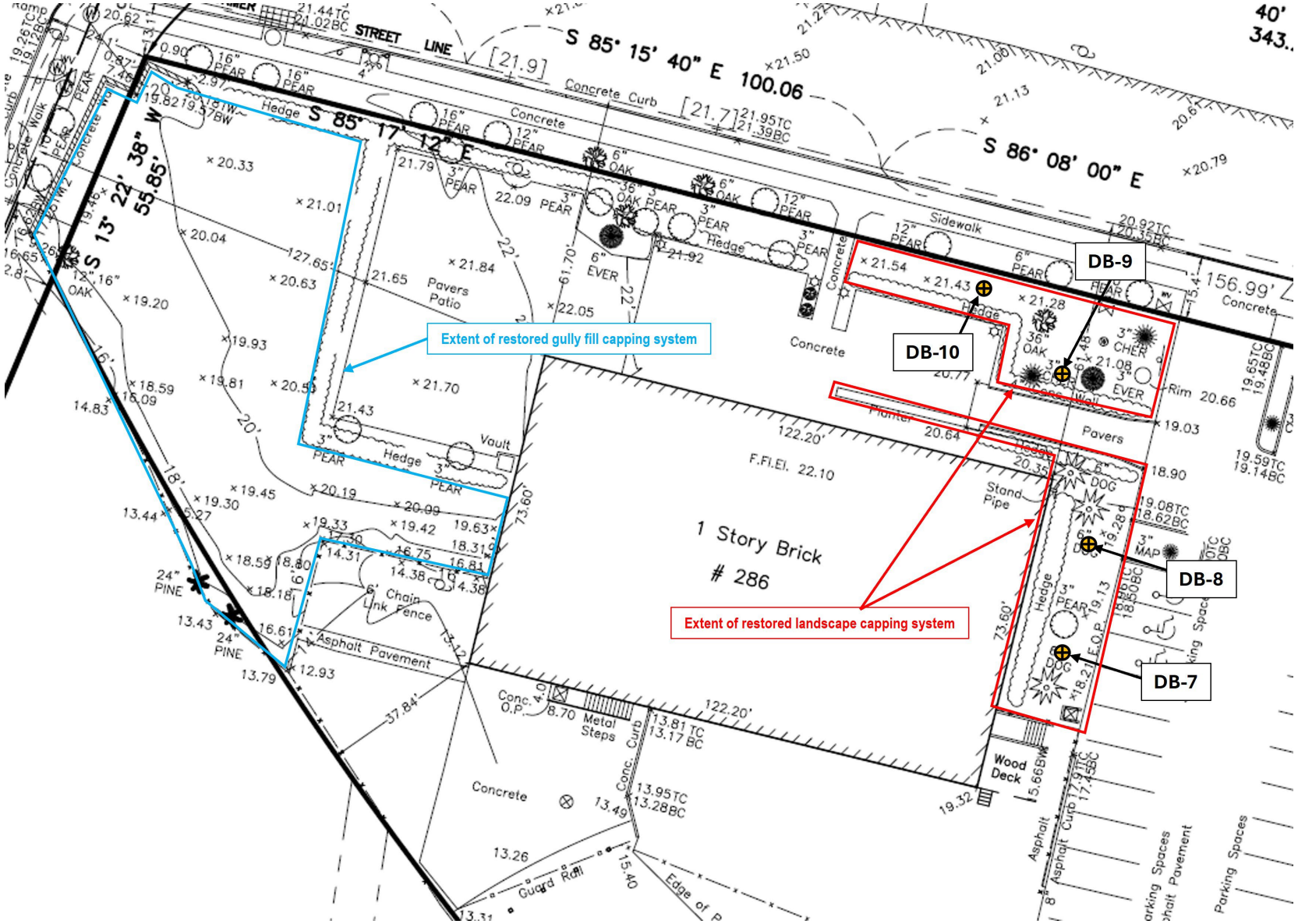
Nassau Metals OU-2,
Staten Island, NY.

PROJECT: A22-115
DRAWING DATE: 2/12/26
DRAWN BY: CG
CHECKED BY: JB
REVISIONS: N/A

KEY

⊕ Soil Boring Location

N
W E
S



53 West Hills Road
Huntington Station, NY 11746

PHONE: 631-673-0612
FAX: 631-427-5323

WWW.ASKASR.COM

FIGURE 7.0
Restored Capping Systems at 286 Richmond Valley Road

Nassau Metals OU-2,
Staten Island, NY.

PROJECT: A22-115

DRAWING DATE: 2/19/26

DRAWN BY: CG

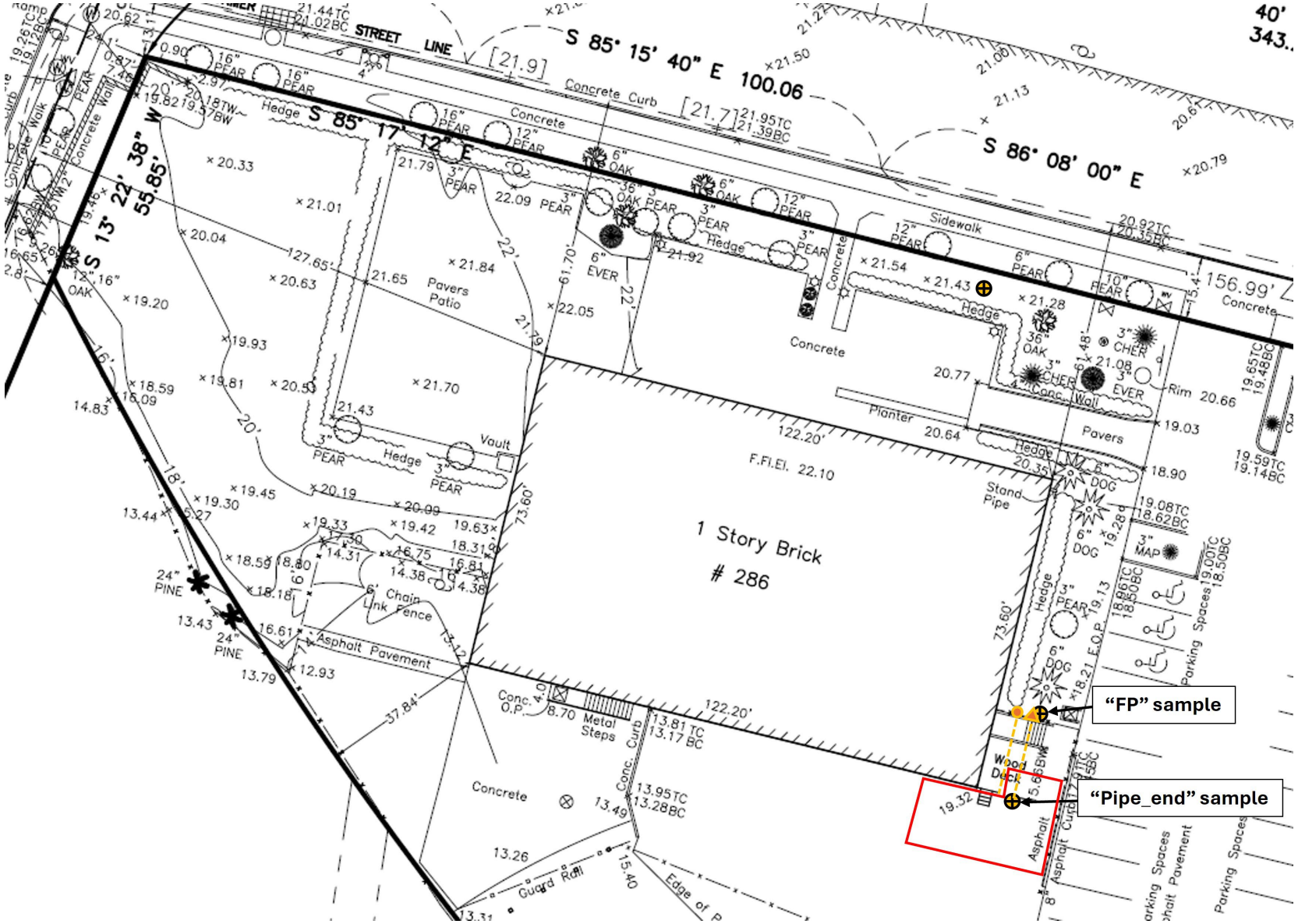
CHECKED BY: JB

REVISIONS: N/A

KEY

⊕ Soil Boring Location

N
W E
S



ASR

53 West Hills Road
Huntington Station, NY 11746

PHONE: 631-673-0612
FAX: 631-427-5323

WWW.ASKASR.COM

FIGURE 8.0
Location of UST Investigation and Associated Samples

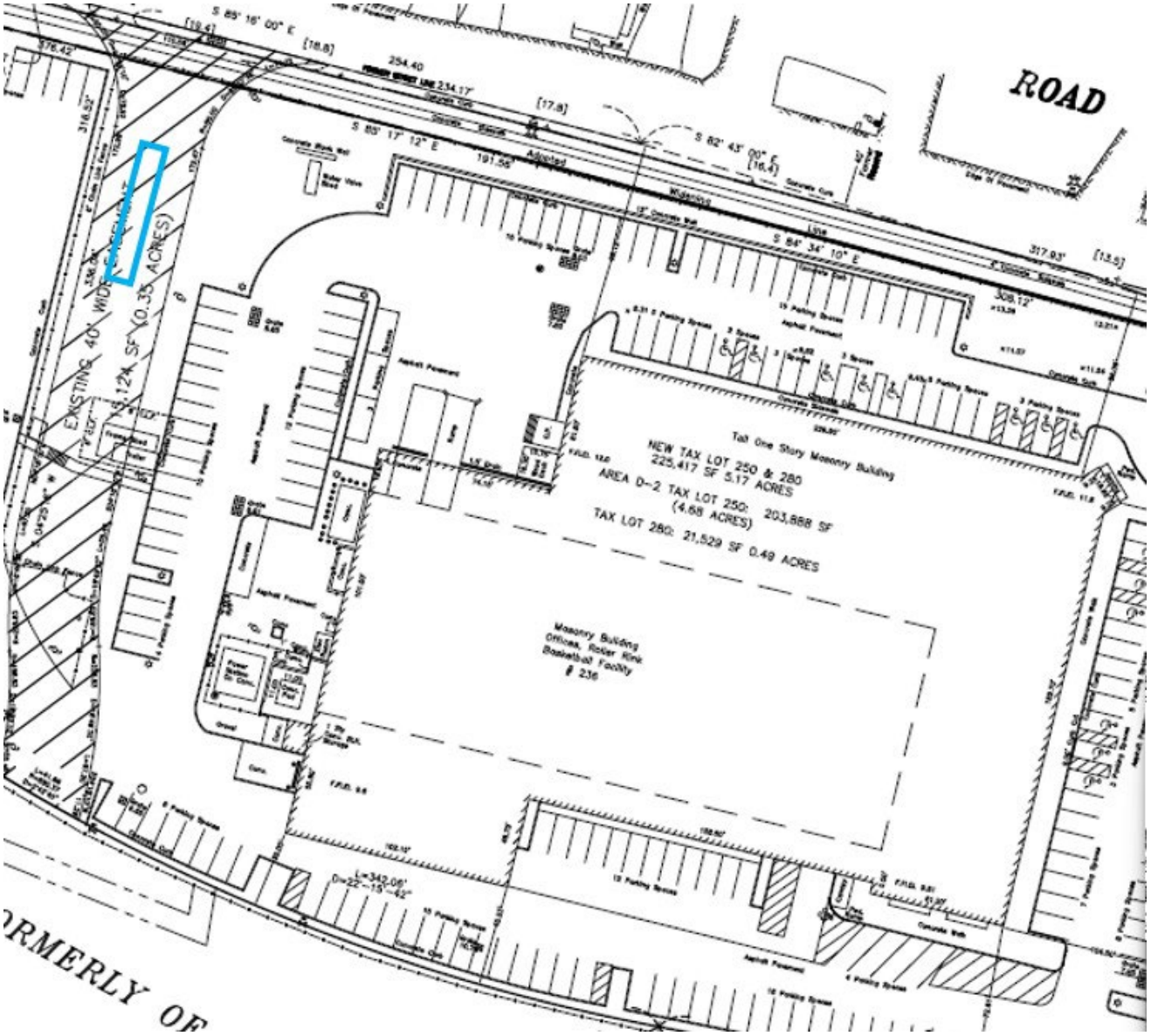
Nassau Metals OU-2,
Staten Island, NY.

PROJECT: A22-115
DRAWING DATE: 2/24/26
DRAWN BY: JB
CHECKED BY: MC
REVISIONS: N/A

KEY

- Site Boundary
- Fill Port
- Vent Line
- Subsurface Piping
- Soil Sample
- Geophysical Survey Area

N
W E
S



ASR
53 West Hills Road
Huntington Station, NY 11746

PHONE: 631-673-0612
FAX: 631-427-5323

WWW.ASKASR.COM

FIGURE 9.0
Location of D\umped Material at 236 Richmond Valley Road

Nassau Metals OU-2,
Staten Island, NY.

PROJECT: A22-115
DRAWING DATE: 2/24/26
DRAWN BY: JB
CHECKED BY: MC
REVISIONS: N/A

KEY

Dumped Soil and C&D Debris

N
W E
S

APPENDIX A

Work Plan and Approval Letter

August 8, 2024

New York State Department of Environmental Conservation
Superfund and Brownfield Cleanup Section, Region 2
Division of Environmental Remediation
Attention: Hasan Ahmed
47-40 21st Street, Long Island City, NY 11101

Re: Nassau Metals, OU-2
Voluntary Cleanup Program Site No. V00159
Corrective Actions Work Plan
***ASR* Project #A22-115**

Dear Mr. Ahmed,

Advanced Site Restoration* (*"ASR"*), *a division of Laurel Environmental Geosciences ("***Laurel***") has been retained by the property manager for the Nassau Metals, Operable Unit No. 2 (the "Site") to address the outstanding Documentation Request for Site Management Compliance. This work plan has been prepared in response to the NYSDEC letter, dated June 20, 2023, to provide supplemental information regarding construction work that was completed at the Site in the 2022 calendar year.

Background

The Site is managed under a Site Management Plan ("SMP") and associated Excavation Work Plan ("EWP") that must be complied with during any construction activities. During the 2022 calendar year, ***ASR*** was retroactively made aware of construction activities that were performed at the Site that were not in compliance with the SMP and EWP. The construction activities separately occurred at 158 Page Avenue (Lot 270), and at 286 Richmond Valley Road (Lot 250). The NYSDEC request letter, dated June 20, 2023, established a list of requirements to bring the Site back into compliance with the SMP. The NYSDEC letter is provided as Attachment A of this work plan.

Information Obtained from Contractors

At 158 Page Avenue, ***ASR*** requested additional information from Mammoth, Inc. ("Mammoth"), the general contractor that performed the work in this area of the Site. Mammoth provided an overview of work performed between September 2022 and January 2023, which included exterior electrical for building and signage, sidewalk and curb installation, drive through renovations, exterior sprinkler system, asphalt repairs and modifications, and landscaping. Mammoth provided a list of materials that were imported to the Site; the list of materials imported to the Site includes approximately 15 yards of bluestone, 10 yards of topsoil, and 10 yards of mulch. Mammoth provided receipts for the bluestone from F.M.B. Materials, Inc., located at 7061 SR 35, South Amboy, New Jersey. However, the bluestone was reportedly imported from the facility to a different location, and then later relocated to the Site. The topsoil and mulch were reportedly sourced from South Shore Material & Supply, Inc., located at 327 Industrial Loop, Staten Island, New York, however no receipts were provided. No chemical quality data was provided for any imported materials at 158 Page Avenue. Mammoth certified that no organic material was removed from the Site as

part of construction; all excess soil generated during construction was reportedly relocated to a hill to the east of the Site Building at 158 Page Avenue. All inorganic materials (i.e., concrete and asphalt) were removed from the Site by F.M.B. Materials Inc., d.b.a. Island Roll Off, located at 79 Storer Avenue, Staten Island, New York. According to the provided job tickets and invoices, approximately 40 yards of concrete and 10 yards of asphalt were removed from the Site. Mammoth's responses are provided as Attachment B of this work plan.

At 158 Page Avenue, ***ASR*** was provided with architectural plans for the renovations. The plans were drafted by Tamborra Architecture Construction, P.C. ("Tamborra") and dated January 24, 2022. The plans include specifications for typical concrete sidewalks, concrete driveways, curbing, asphalt roadbeds, tree planting details, and other miscellaneous construction details. No specifications were provided for general landscaping. ***ASR*** has reviewed the provided plans and noted that no demarcation barriers were specified in the construction components discussed above. The pertinent construction details are provided as Attachment C of this work plan. The full Tamborra architectural plans can be provided upon request.

At 286 Richmond Valley Road, ***ASR*** requested additional information from Design Landscapes, Inc. ("Designs"), the landscaper that performed the patio installation and landscaping in this area of the Site. To date, ***ASR*** has held verbal discussions with Designs, but has not received a written response to a request for documentation. Visual observations and a review of known information indicate that, at minimum, topsoil and mulch were imported and placed in an area covering approximately 3,000 square feet. According to the notification letter from ***ASR*** to the NYSDEC, dated March 3, 2022, approximately 60 yards of native and/or certified clean sand (part of the "Gully Fill" cap) was proposed to be excavated and re-used as part of the patio construction. No chemical testing was performed on the native soil prior to re-use. In addition, an unknown material (i.e., bluestone, recycled concrete aggregate, or paving sand) was likely imported for use as a base beneath the patio and associated walkways, however no documentation of this material has been provided. The previous notification letter to the NYSDEC is provided as Attachment D to this work plan.

For the Site, Rogers Surveying, PLLC., was retained to provide an updated survey showing the existing conditions and locations of improvements. ***ASR's*** interpretation of the changes in the capping system at 286 Richmond Valley Road is provided in Figure 1 of this work plan and the interpretation for changes at 158 Page Avenue is provided in Figure 2. As part of this survey, topographic contours were provided throughout the Site to assist in the evaluation of potentially imported and re-used materials. In the area surrounding the newly constructed patio at 286 Richmond Valley Road, the topographic contours indicate that the surrounding topography increased by approximately 4 feet since the previous elevation readings were collected. The volume of material required to raise the topography is inconsistent with the volume of material excavated and re-used as part of the patio construction and is inconsistent with the volume of material placed as part of the "Gully Fill" capping system. ***ASR*** has not been able to resolve the discrepancy to date. The updated survey, most recent historical survey, and updated topographical map are provided as Attachment E of this work plan.

Subsurface Investigation

To remedy the existing data gaps regarding modified capping systems constructed at the Site, and to provide chemical quality data for imported materials, ***ASR*** proposes to conduct the following subsurface investigation:

- 158 Page Avenue
    - Twelve (12) continuous soil borings will be advanced from current ground surface until the existing demarcation barrier (i.e., historic asphalt layer or fencing) is encountered or to a depth of 10 feet below ground surface ("bgs"), whichever is shallowest. This includes a minimum of two (2) soil borings per type of modified cap (i.e., new asphalt, new concrete driveway, new concrete sidewalk, or new landscaping), and three (3) soil borings in the area where soil was reportedly relocated. Proposed soil boring locations are shown on the attached Figure 3. All soil boring locations will be verified by a licensed surveyor and provided along with an updated survey upon completion of the subsurface investigation.
        - SB-1 and SB-4 are intended to confirm the construction of the modified landscape capping system.
        - SB-2, SB-8, and SB-9 are intended to confirm the construction of the modified concrete sidewalk capping system.
        - SB-3 and SB-12 are intended to confirm the construction of the modified concrete driveway capping system.
        - SB-5, SB-6, and SB-7 are intended to characterize the soil that was reportedly relocated to the hill area.
        - SB-10 and SB-11 are intended to confirm the construction of the modified asphalt driveway capping system.
    - A total of five (5) representative grab soil samples will be collected from the imported topsoil or the relocated soil. The soil samples will be transported to a New York State Department of Health ("NYSDOH") certified Environmental Laboratory under chain of custody procedures and analyzed for NYSDEC Part 375 parameters including volatile organic compounds ("VOCs") with tentatively identified compounds ("TICs"), Target Analyte List ("TAL") semi-volatile organic compounds ("SVOCs"), TAL heavy metals, pesticides, herbicides, and polychlorinated biphenyls ("PCBs").
        - The soil samples from SB-1 and SB-4 are intended to characterize the imported topsoil and mulch. One (1) representative grab sample will be collected from the imported topsoil, and one (1) representative grab sample will be collected from the imported mulch. The grab samples are to be analyzed for VOCs as described above. The topsoil from both samples will be composited, and the mulch from both samples will be composited. The composite samples will be analyzed for the remainder of the analytes described above.

    - The soil samples from SB-5, SB-6, and SB-7 are intended to characterize the soil that was reportedly relocated to the hill. A representative grab sample will be collected from shallow (i.e., 0 to 12" below grade) soil at each location to be analyzed as described above.
  - Additional soil samples may be collected if any other imported organic material types or discrete areas of contamination are identified during the subsurface investigation.
  - Soil boring logs will be constructed for each soil boring location for use in creating as-builts for the modified capping system components.

- 286 Richmond Valley Road
  - Fourteen (14) continuous soil borings will be advanced from the current ground surface to a depth of 10 feet bgs. This includes a minimum of three (3) soil borings per type of modified cap (i.e., gully fill cap, patio), and six (6) soil borings in areas where material was apparently imported to the Site. Proposed soil boring locations are shown on the attached Figure 4. All soil boring locations will be verified by a licensed surveyor and provided along with an updated survey upon completion of the subsurface investigation.
    - SB-13, SB-14, and SB-17 are intended to confirm the construction of the modified landscape capping system to the north and east of the building.
    - SB-15 and SB-16 are intended to confirm the construction of the modified concrete sidewalk capping system.
    - SB-18, SB-20, and SB-21 are intended to investigate the area where fill material was imported to the Site.
    - SB-19, SB-22, and SB-26 are intended to confirm the construction of the modified paver capping system.
    - SB-23, SB-24, and SB-25 are intended to confirm the construction of the modified gulley fill capping system.
  - A total of five (5) representative soil samples will be collected from the imported topsoil, the relocated native material, and the imported material of unknown origin. The soil samples will be transported to a NYSDOH certified Environmental Laboratory under chain of custody procedures and analyzed for NYSDEC Part 375 parameters including VOCs with TICs, TAL SVOCs, TAL heavy metals, pesticides, herbicides, and PCBs.
    - The soil samples from SB-13 and SB-14 are intended to characterize the imported topsoil and mulch. One (1) representative grab sample will be collected from the imported topsoil, and one (1) representative grab sample will be collected from the imported mulch. The grab samples are to be analyzed for VOCs as described above. The topsoil from both samples will be composited, and the mulch from both samples will be composited. The composite samples will be analyzed for the remainder of the analytes described above.

- The soil samples from SB-18, SB-21, and SB-23 are intended to characterize the native material that was regraded and/or the unknown fill material that was likely imported. At least one (1) representative grab sample will be collected from each soil boring location to be analyzed as described above. If multiple discrete layers are observed in the subsurface, at least one (1) soil sample will be collected from each layer. Composite samples collected from multiple soil boring locations may be utilized as appropriate.

- Additional soil samples may be collected if any other imported organic material types or discrete areas of contamination are identified during the subsurface investigation.
- Soil boring logs will be constructed for each soil boring location for use in creating as-builts for the modified capping system components.

Reporting and Scheduling

Following completion of the subsurface investigation, a comprehensive report will be prepared detailing the schedule and timeline of events that occurred in 2022, the location and chemical quality of all imported or re-used native materials, and certified as-builts for the modified or newly constructed capping systems.

The subsurface investigation is anticipated to be conducted in September 2024, pending NYSDEC approval of this work plan, with the report completed in October 2024.

Please let us know if you have any questions on this proposed investigation.

Respectfully submitted,

Jamie Burgher
Project Manager, Geologist III

Attachments:
A: NYSDEC Letter
B: Mammoth's Response Letters
C: Tamborra Architecture Plans
D: Notification Letter to NYSDEC
E: Rogers Surveying Documents
Figure 1.0 ASR Interpretation of Modifications (286 Richmond Valley Road)
Figure 2.0 ASR Interpretation of Modifications (158 Page Avenue)
Figure 3.0 Site Sketch with Proposed Soil Boring Locations (158 Page Avenue)
Figure 4.0 Site Sketch with Proposed Soil Boring Locations (286 Richmond Valley Road)

ATTACHMENT A

NYSDEC Letter

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation, Region 2
47-40 21st Street, Long Island City, NY 11101
P: (718) 482-4995
www.dec.ny.gov

June 23, 2023
This letter supersedes the letter of June 20, 2023.

Jack Friedman
Best Equities LLC
1165 East 24th Street
Brooklyn NY 11210
frieg21@gmail.com

Re: Nassau Metals, Staten Island
Voluntary Cleanup Program Site No. V00159
Documentation Request for Site Management Plan Compliance

Dear Mr. Friedman:

On May 2, 2023, the New York State Department of Environmental Conservation (the Department) met with representatives for the Volunteer at the Nassau Metals Operable Unit No. 2 (OU2) site to discuss the construction work at OU2 (156 Page Avenue and at 286 Richmond Valley Road) that occurred in 2022. Present during the inspection were representatives of the Department, Best Equities LLC (the OU2 Site Owner), Roux (consultant for the Volunteer), and Laurel Environmental Geosciences, D.P.C. (consultant for the OU2 Site Owner). The inspection revealed that the site cover system (also referred to herein as the "cap") outside the restaurant at 156 Page Ave and at the gully fill area located to the west of the building located at 286 Richmond Valley Road was breached and modified in 2022 without formal NYSDEC notification to the Department as required by the approved OU2 Site Management Plan (SMP).

As required by Section 2.9 of the Excavation Work Plan (EWP) which is included as Appendix B of the SMP, modifications to the site cover system require prior approval by the Department. A figure showing the modified surface was not provided to the Department prior to the work noted above. To document and certify compliance with the SMP, the OU2 Site Owner must provide the information, plans, surveys, data, and/or certifications listed below. The items identified must comply with applicable requirements identified in the OU-2 SMP and related DER guidance documents.

<u>156 Page Ave</u>.

1. Provide a certified survey of the modified cover system to confirm the exact locations of each component of the existing and modified cover system around the building. Compare the current cover system to the most recent as-built drawings and provide new, certified as-builts. The new survey should specifically document the limits of any *existing* cover system components and the limits of

any *new* cover system components. For example, the survey should identify the limits of:

- Modified Asphalt Cap where new pipes were installed (Refer to SMP Appendix F, Detail 6 on Drawing 7 of 8)
- Modified Asphalt Cap where new asphalt was added to existing asphalt cap (Refer to SMP Appendix F, Detail 7 on Drawing 7 of 8)
- New Concrete Cap where new islands (trees/ landscaping) and curbs were installed (Refer to SMP Appendix F, Detail 3 on Drawing 6 of 8 and Detail 8 on Drawing 7 of 8)

2. Submit a plan to take borings to document thickness and depth of fill (the Plan may be a simple figure with rationale for proposed locations) for Department approval that will provide enough data to (1) document the thickness and depth of each new/modified component of the cover system and (2) confirm the depth, relative to grade, of the respective demarcation layer for each new/ modified component of the cover system identified above. This is necessary in the event of any future disturbances, so that the updated SMP provides the depth of the cover system.

3. The OU2 Site Owner must provide certification that there was no off-site disposal relative to the intrusive activities performed in 2022.

4. The OU2 Site Owner must provide documentation of the chemical quality of all imported material (i.e., stone, topsoil, sand, etc.) relative to the intrusive activities performed in 2022. Approximate quantities of imported material must also be provided.

5. Submit a Plan to sample any material that was relocated and provide the approximate quantity of this relocated fill. As stated previously, the Plan may be a figure with rationale for proposed locations. The OU2 Site Owner must document, on the submitted survey, where any excavated fill materials were excavated from and relocated to. This work serves to confirm compliance with SMP requirements for reuse of on-site fill materials.

6. The OU2 Site Owner must develop a second soil boring plan for Department approval (simple figure with rationale for proposed locations and associated sampling details) that details the collection and analysis of any imported fill materials (i.e., topsoil and sand) placed onsite that is associated with the intrusive work performed in 2022. The OU2 Site Owner must document these locations on the submitted survey. This work serves to confirm compliance with SMP requirements for importing of materials.
7. Provide a schedule/timeline of events that occurred in 2022.

8. Provide all CAMP data that was collected.

9. Based on conversations on 5/2/23, it appears that requirements were not followed with regards to stockpiling of excavated, unsaturated soils. The OU2 Site Owner shall affirm that any similar future intrusive work will be performed in compliance with EWP.

<u>286 Richmond Valley Road ("Gully Fill" area)</u>

1. Provide a survey prepared by a licensed surveyor. Survey the limits of modification to the cover at the "Gully Fill" area drawings and provide new, certified as-builts that documents modifications to what was previously installed at the Site and formally approved by the Department. For reference, the most recent As-Built Modifications provided by the OU2 Site Owner in November of 2018 for OU-2 is provided as an attachment. The new survey should specifically document the limits of the modified cover. The goal is to confirm the exact location of this modification.

2. Submit a boring plan to measure the thickness and depth of new cover at Gully Fill for Department approval. The plan, a simple figure with rationale for proposed location(s), must provide adequate data to document the thickness and depth of the modified Gully Fill Cap and confirm the depth, relative to grade, of the respective demarcation layer. The OU2 Site Owner must document these locations on the submitted survey.

3. The OU2 Site Owner must develop a second soil boring plan for Department approval (simple figure with rationale for proposed locations and associated sampling details) that details the collection and analysis of (1) any imported fill materials (i.e., topsoil and sand) placed onsite and (2) relocated on-site fill material, if applicable, associated with the intrusive work performed in 2022. This work serves to confirm compliance with SMP requirements for importing and placing off-site fill/reuse of on-site fill materials. The OU2 Site Owner must document these locations on the submitted survey.

4. The OU2 Site Owner must provide certification that there was no off-site disposal relative to the intrusive activities performed in 2022.

5. The OU2 Site Owner must provide documentation of the chemical quality of all imported material (i.e., stone, topsoil, sand, etc.) relative to the intrusive activities performed in 2022. Approximate quantities of imported material must also be provided by the OU2 Site Owner.

6. Provide a schedule/timeline of events that occurred in 2022.

7. The OU2 Site Owner must provide CAMP data for all work performed when the demarcation layer for a composite system component was breached, if applicable, and for all related activities until the demarcation layer was restored. In areas with a hard cap, the demarcation layer is the concrete or

asphalt cap. In areas with a soil cover, the demarcation layer is the geo-synthetic clay layer or geosynthetic fabric. If the demarcation layer was not breached, CAMP data does not need to be provided.

As noted in the October 8, 2010 Department-approved Excavation Work Plan ("EWP") for OU-2, any future intrusive work that will penetrate the cover system and expose underlying, remaining fill material/soil will be performed in compliance with the EWP. Please note the following additional detail with regards to breaching the cover system from Section 2.9 of the EWP that is provided below verbatim:

> *"After the completion of soil removal and any other invasive activities, the composite cover system will be restored in a manner that complies with the Final Design Documents. For all components of the composite cover system, any constructed demarcation layer (i.e., GCL, geosynthetic fabric, concrete, stone subbase or equivalent material) will be replaced to provide a visual reference to the top of the "Remaining Contamination Zone", the zone that requires adherence to special conditions for disturbance of remaining contaminated soils defined in the SMP for OU-2.* ***If the type of composite cover system changes, with NYSDEC approval, from that which exists prior to the excavation (i.e., a soil cover is replaced by asphalt), this will constitute a modification of the cover element of the remedy and the upper surface of the "Remaining Contamination".*** *A figure showing the modified surface will be included in the subsequent Periodic Report and in any updates to the SMP for OU-2."*

Based on the requirements noted above, the OU2 Site Owner must address the action items listed above, by area, to facilitate approval of the various modifications made to the composite cover system and a Periodic Review and Certification. Note, all Work identified above shall comply with applicable requirements identified in the OU-2 Site Management Plan and related documents.

Please provide a written response to each comment above, including the plans and document requested above, within 30 days. The response must also include a schedule for the installation of soil borings as requested in comments 2 and 3, above.

In addition, please note that the firm by which a licensed PE is employed and any firms which produce documents certified by the PE under their employment must also be authorized to practice engineering in the State of New York and must present that authorization upon request. Any firm submitting PE-certified documents is considered to be practicing engineering and, therefore, must hold a Certificate of Authorization from the New York State Department of Education. Please have Laurel Environmental Geosciences DPC's authorization presented to the Department.

If you have any questions, please contact me at (718) 482-4891 or by email: sondra.martinkat@dec.ny.gov.

Sincerely,

Sondra Martinkat

Sondra Martinkat
Project Manager

ec: Jane O'Connell, Cris-Sandra Maycock – NYSDEC
Scarlett McLaughlin, Sally Rushford – NYSDOH
John Galasso – Nokia
Omar Ramotar, Sarah Stern – Roux
Jamie Burgher, Edward Wong, P.E. – Laurel Environmental

ATTACHMENT B

Mammoth's Response Letter

Mammoth, Inc.

166 Industrial Loop, 1st Floor
Staten Island, NY 10309
(718) 984-3666 / (718) 227-5707
info@mammothcontractors.com

October 9, 2023

Laurel Environmental Geosciences
ASR Environmental Geosciences (a division of Laurel Environmental)
53 West Hills Road, Suite 1
Huntington Station, NY 11746
Attn: Jamie Burgher

RE: Construction performed at 158 Page Avenue

Dear Jamie,

Construction commenced at 158 Page Avenue in September 2022 and was concluded in January 2023.

- September; Exterior electric for building and signage, sidewalks & curbs, drive thru
- October; Exterior sprinkler
- November; Asphalt, Landscaping

No organic material was removed from site. All excavated material was placed 'on the hill', as indicated in the following graphics.

Blue stone was imported from FMB Materials by Reliable Site Development earlier (invoice follows) and was stockpiled on another jobsite. 15CuYrd were brought to site by Reliable Site Development. It is situated under the concrete drive thru, new asphalt and new sidewalks and curbs as indicated in the following graphics.

10CuYrd of Topsoil was imported from Capri by Design Landscapes and is situated around the tree plantings, as indicated in the following graphics. Soil report attached.

10CuYrd of Mulch was imported from Capri by Design Landscapes and is situated around the tree plantings, as indicated in the following graphics. Bag graphics file attached.

Sincerely,

Arthur F McCarthy
Pres/CEO
Mammoth, Inc.

FMB Materials Inc.

P.O Box 90071
S.I N.Y 10309

Invoice

Date	Invoice #
8/2/2022	291

BILL TO
MAMMOTH CONTRACTORS

JOB LOCATION
2319 RICHMOND TERRACE

Due Date
8/2/2022

Date	Description	Qty	Rate	Truck Nu...	Ticket Nu...	Amount
8/1/2022	3/4 BLUE STONE	24.7	33.00	#100	7849	815.10
8/1/2022	3/4 BLUE STONE	25.6	33.00	#100	7849	844.80
8/1/2022	3/4 BLUE STONE	24.8	33.00	#100	7849	818.40
8/1/2022	3/4 BLUE STONE	24.4	33.00	#100	7849	805.20
8/1/2022	3/4 BLUE STONE	26.7	33.00	#100	7849	881.10
8/1/2022	3/4 BLUE STONE	25.9	33.00	#100	7849	854.70
8/1/2022	3/4 BLUE STONE	25.7	33.00	#100	7849	848.10
8/1/2022	3/4 BLUE STONE	26.1	33.00	#100	7849	861.30
8/1/2022	3/4 BLUE STONE	26.8	33.00	#100	7849	884.40
8/1/2022	3/4 BLUE STONE	25.4	33.00	#100	7849	838.20
8/1/2022	3/4 BLUE STONE	25.7	33.00	#100	7849	848.10
8/1/2022	ENERGY FEE	11	25.00	#100	7849	275.00

Total	$9,574.40
Payments/Credits	$0.00
Balance Due	$9,574.40

F.M.B. Materials, Inc.

7061 SR 35 • South Amboy, NJ 08879

DUMP TRUCK • DUMP TRAILER
LOW BOY SERVICE • TRANSPORT
MATERIALS

Frankie 917-529-7590

Bill to RUSSBALL 7849

Address RICH TERR NY

Phone

Contracted price for 8 hours plus overtime
Equipment enters jobsite at billing customer's risk.

Trucks will not dump without necessary permits on jobsite. Billing customer solely responsible for all permits required for delivery, overweight loads, dumping and tracking violations; and will pay any fines including a full day rental for any days lost due to violations.

8/1/22 (M) T W Th F S JB

DATE DRIVER

Truck	Hours	Jobsite
# 100	11 LOADS	3/4 BLUE STONE
#		
#		
#		
#		
#		
#		

LOAD COUNT 1 X 2 3 4 5 6 7 8 9 10 X

Authorized Signature

NET 30 Days - 1.5% Billing Charge Thereafter

F.M.B. Materials, Inc.

7061 SR 35 • South Amboy, NJ 08879

DUMP TRUCK • DUMP TRAILER
LOW BOY SERVICE • TRANSPORT
MATERIALS

Frankie 917-529-7590

7849

Bill to RELIABLE - Mammoth Co

Address RICH TERR NY

Phone

Contracted price for 8 hours plus overtime
Equipment enters jobsite at billing customer's risk.

Trucks will not dump without necessary permits on jobsite. Billing customer solely responsible for all permits required for delivery, overweight loads, dumping and tracking violations; and will pay any fines including a full day rental for any days lost due to violations.

8/1/22 (M) T W TH F S JB

DATE DRIVER

Truck	Hours	Jobsite
#100	11 LOADS	3/4 BLUE STONE
#	24.7 tn	25.7 tn
#	25.6 tn	26.1 tn
#	24.8 tn	26.8 tn
#	24.4 tn	25.4 tn
#	26.7 tn	25.7 tn
#	25.9 tn	

LOAD COUNT 1X 2 3 4 5 6 7 8 9 10X

Authorized Signature

NET 30 Days - 1.5% Billing Charge Thereafter

RUTGERS
New Jersey Agricultural Experiment Station

Soil Testing Laboratory
Rutgers, The State University
ASB II
57 US Highway 1 South
New Brunswick, NJ 08901-8554

Soil Test Report

Lab #: 2022-94769

South Shore Material & Supply, Inc.
Rocco Coluccio
327 Industrial Loop
Staten Island, NY 10309

southshorellc1@gmail.com
(718)494-8973

Date Received: 2022-04-11
Date Reported: 2022-04-18

Sample ID: Street Trees

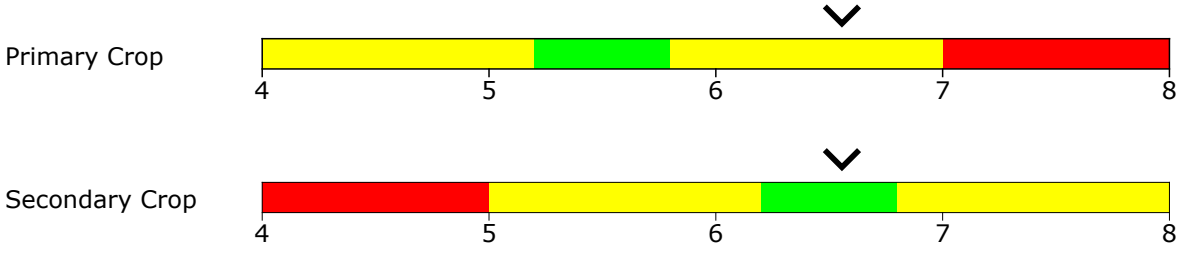
Crop or Plant

NewOrnamental shrubs and small trees, acid-loving (primary)
New Ornamental shrubs and small trees, non-acid-loving (secondary)

Results and Interpretations

Sandy Loam

pH: 6.56 Slightly acidic; optimum pH range of many plants except acid-loving species.

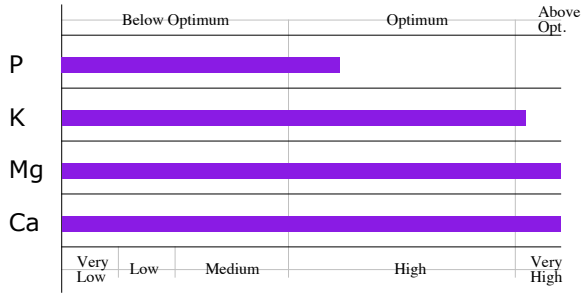


Lime Requirement Index: 7.73

The Lime Requirement Index (LRI) is a measure of the buffering capacity of the soil, its resistance to pH change, and is used to determine the appropriate amount of limestone, when necessary. LRI value near 8.0 indicates low buffering capacity of soil and a lower rate of limestone amendment compared to soil with high buffering capacity (LRI near 7.0).

Macronutrients (pounds per acre)

		by Mehlich 3 extraction
Phosphorus:	86	(Optimum)
Potassium:	283	(Above Optimum)
Magnesium:	513	(Above Optimum)
Calcium:	6545	(Above Optimum)



Micronutrients (parts per million)

Zinc(Zn)	Copper(Cu)	Manganese(Mn)	Boron(B)	Iron(Fe)

15.38 (Adequate) 7.25 (Adequate) 40.88 (High) 2.21 (Adequate) 329.00 (High)

Special Tests Results

Visual Description: Moist Color: Dark Brown. As received: Moist, Loose + finely Aggregated, Coarse-loamy Material. Coarse rock fragments: Few (maximum size less than 1/2 inch). Organic detritus: Few Stem fragments, Sticks.

Soluble Salts- Electrical conductivity= 0.39 mmho/cm
(Satisfactory)

Organic Matter by Carbon Analysis: Organic Matter=5.2% Very High for Sandy Loam
Gravel Content- Larger than 2mm: 11.1%

Mechanical Analysis- Sand= 29% Silt=35% Clay=10% Texture: Sandy Loam

pH, Calcium, and Magnesium Recommendations

Primary Crop - New Ornamental shrubs and small trees, acid-loving

The soil pH is higher than the optimum range of 5.20 to 5.80 for the growth of most Ornamental shrubs and small trees, acid-loving. Do not apply any limestone, compost or wood ashes to the area.

Prior to new seeding/planting, soil pH should be adjusted by application and thorough mixing of powdered elemental sulfur into the root zone (8-10 inches deep). Apply the elemental sulfur at a rate of 8 pounds per 1000 square feet.

Till or otherwise mix to distribute the sulfur as uniformly as possible. Follow amendment by watering and keep soil moist over the subsequent several weeks to promote the acidification process.

Secondary Crop - New Ornamental shrubs and small trees, non-acid-loving

The soil pH is in the optimum range of 6.20 to 6.80 for the growth of most Ornamental shrubs and small trees, non-acid-loving. Do not apply any limestone.

Fertilizer Recommendations

Primary Crop - New Ornamental shrubs and small trees, acid-loving

BEFORE PLANTING
Target ratio for fertilizer product is: 2:1:0 ,which represents the fertilizer's relative amounts of nitrogen (N), phosphorus as P_2O_5, and potassium as K_2O.

Nitrogen requirement is 2 pounds per 1000 square feet (or, equivalent to 0.2 pounds per 100 square feet). New plantings provide opportunity to amend the whole root zone of soil for long term fertility and tilth; subsequent management for established plantings will be limited to surface applications.

DO THIS: Broadcast a fertilizer with the indicated N:P:K ratio at a rate to achieve the desired Nitrogen requirement, and mix into the surface 6- to 8-inches. On soils that are low in organic matter or in poor tilth, amend with 4 to 5 cubic feet of organic matter, such as peat moss or compost, for each 100 square feet of area. Blend into the soil.

WHAT ABOUT NEXT YEAR?

The fertilizer prescription above is intended to bring soil nutrients to optimal or near-optimal conditions, and subsequent

management recommendations are intended to maintain soil nutrients levels near optimum. The best nutrient ratio for maintenance fertilization of the ornamental shrubs and small trees beyond 2 years is best determined by another soil test.

DO THIS: Broadcast a fertilizer with 2-1-1 ratio of N:P:K at a rate to achieve 1 pound Nitrogen per 1000 square feet (or/equivalent to 0.1 pound Nitrogen per 100 square feet) on the soil surface. Rake to improve contact with soil and water lightly.

Secondary Crop - New Ornamental shrubs and small trees, non-acid-loving

BEFORE PLANTING
Target ratio for fertilizer product is: 2:1:0 ,which represents the fertilizer's relative amounts of nitrogen (N), phosphorus as P_2O_5, and potassium as K_2O.

Nitrogen requirement is 2 pounds per 1000 square feet (or, equivalent to 0.2 pound per 100 square feet). New plantings provide opportunity to amend the whole root zone of soil for long term fertility and tilth; subsequent management for established plantings will be limited to surface applications.

DO THIS: Broadcast a fertilizer with the indicated N:P:K ratio at a rate to achieve the desired Nitrogen requirement, and mix into the surface 6- to 8-inches. On soils that are low in organic matter or in poor tilth, amend with 4 to 5 cubic feet of organic matter, such as peat moss or compost, for each 100 square feet of area. Blend into the soil. Do not include dry fertilizer in the backfill hole; young, tender roots are especially susceptible to tissue burn. Delay surface fertilization until after the first growing season.

WHAT ABOUT NEXT YEAR?

The fertilizer prescription above is intended to bring soil nutrients to optimal or near-optimal conditions, and subsequent management recommendations are intended to maintain soil nutrients levels near optimum. The best nutrient ratio for maintenance fertilization of the ornamental shrubs and small trees beyond 2 years is best determined by another soil test.

DO THIS: Broadcast a fertilizer with 2-1-1 ratio of N:P:K at a rate to achieve 1 pound Nitrogen per 1000 square feet (or/equivalent to 0.1 pound Nitrogen per 100 square feet) on the soil surface. Rake to improve contact with soil and water lightly.

How do I find the proper fertilizer product?
For help finding appropriate fertilizers and rates, consult the Rutgers Soil Testing Laboratory website: itsappserver.sebs.rutgers.edu/FertProducts/. The website lists commercially available products according to their nutrient analyses to assist you with product selection and calculation of amount required.

Select a fertilizer that has a nutrient grade (also known as guaranteed minimum analysis) the same as or a multiple of the values recommended, or select a close match to that ratio. When no single fertilizer product matches or approximates the recommended N:P_2O_5:K_2O nutrient ratio, it will be necessary to use two or more fertilizers to reach the correct balance of nutrients. The proper amount of fertilizer to apply in a single application depends on the actual fertilizer grade of the fertilizer product selected, the total area (square feet) to be treated, and the total number of fertilizer applications to be made throughout the year.

Micronutrient Statements

Zinc does not appear to be a limiting factor. For information about zinc in soil for plant nutrition, see FS721.

Copper does not appear to be a limiting factor. As with most other micronutrients, copper availability is related to soil pH. Do not over-lime. For more information about soil copper, see FS720.

Manganese may be toxic to sensitive crops when grown on low pH soil. Adding lime to the soil raises the pH and decreases manganese toxicity. Liming is generally not recommended for acid-loving plants, which are more tolerant of high levels of manganese. In excessive amounts, soil manganese can cause plant damage. This occurs primarily in low pH soil. Lime soil as recommended to decrease availability of manganese to plants. Avoid fertilizers that contain manganese. See FS973 for more information.

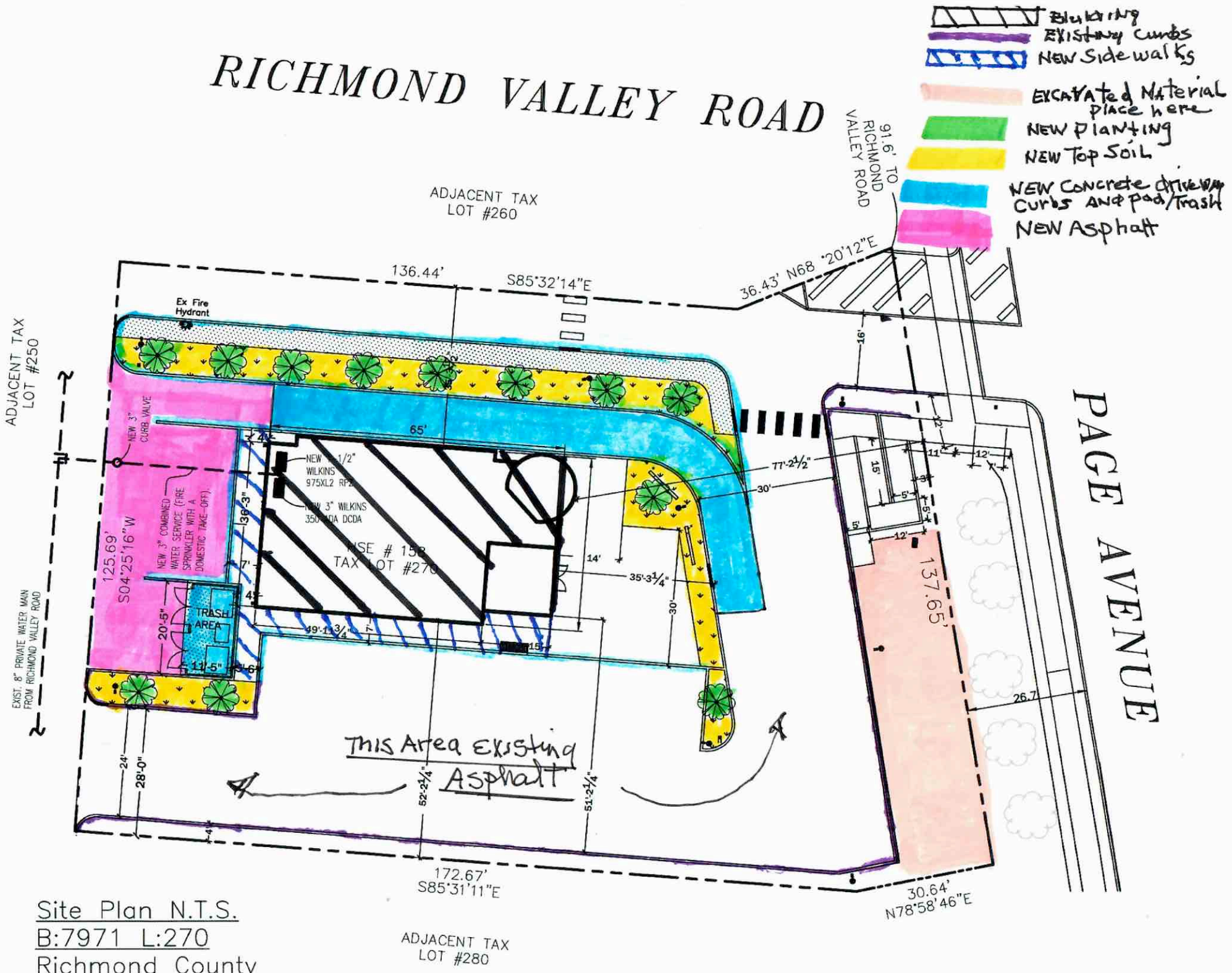
Boron would not be a limiting factor for most plants. Plant types differ in their requirement for boron, however; certain fruit, vegetables, and field crops have greater need for boron (up to 0.75 ppm). For more information, see FS873.

Plant availability to iron is highly dependent on soil pH. Although soil iron appears plentiful, high soil pH could limit its availability. On the other hand, plant damage due to iron toxicity, though not common, could occur at low soil pH (acidic soil). Maintain soil pH in the optimum range as described in Recommendations. See FS971 for more information.

Comments:

Find Rutgers Cooperative Extension Fact Sheets at www.njaes.rutgers.edu/pubs

Soil Program 2021
NAPT
Participating Laboratory



Site Plan N.T.S.
B:7971 L:270
Richmond County

Mammoth, Inc.

166 Industrial Loop, 1st Floor
Staten Island, NY 10309
(718) 984-3666 / (718) 227-5707
info@mammothcontractors.com

February 1, 2024

Laurel Environmental Geosciences
ASR Environmental Geosciences (a division of Laurel Environmental)
53 West Hills Road, Suite 1
Huntington Station, NY 11746
Attn: Jamie Burgher

RE: Construction performed at 158 Page Avenue
Disposal of excavated inorganic materials

Dear Jamie,

Construction commenced at 158 Page Avenue in September 2022 and was concluded in January 2023.

- September; Exterior electric for building and signage, sidewalks & curbs, drive thru
- October; Exterior sprinkler
- November; Asphalt, Landscaping

Concrete and asphalt were removed from site in 20 yard containers by FMB Materials Inc. dba Island Roll Off, 79 Storer Avenue, Staten Island, NY 10309. Invoices and associated tickets follow.

Sincerely,

Arthur F McCarthy
Pres/CEO
Mammoth, Inc.

ISLAND ROLL-OFF
QUALITY SERVICE
P.O. BOX 90071
Staten Island, NY 10309
718-816-4547

Invoice

Date	Invoice #
10/13/2022	529

PAID 11/15/2022

BILL TO	JOB LOCATION
MAMMOTH CONSTRUCTION 151 INDUSTRIAL LOOP SUITE 107 STATEN ISLAND, NY 10309	158 PAGE AVE

Due Date
10/13/2022

Serviced	Item	Qty	Rate	TKT#	Amount
9/14/2022	20 YARD BOX	1	650.00	20 YARD BOX	650.00
9/14/2022	Permit	1	25.00	ENERGY FEE	25.00

Total	$675.00
Payments/Credits	-$675.00
Balance Due	$0.00

ISLAND ROLL-OFF
QUALITY SERVICE
P.O. BOX 90071
Staten Island, NY 10309
718-816-4547

Invoice

Date	Invoice #
11/3/2022	551

PAID 11/15/2022

BILL TO	JOB LOCATION
MAMMOTH CONSTRUCTION 151 INDUSTRIAL LOOP SUITE 107 STATEN ISLAND, NY 10309	158 PAGE AVE

Due Date
11/3/2022

Serviced	Item	Qty	Rate	TKT#	Amount
10/6/2022	20 YARD BOX	1	650.00	20 YARD BOX	650.00
10/6/2022	Permit	1	25.00	ENERGY FEE	25.00
10/7/2022	10 YARD BOX	1	700.00	10 YARD BOX (ASPHALT)	700.00
10/7/2022	Permit	1	25.00	ENERGY FEE	25.00
10/19/2022	20 YARD BOX	1	650.00	20 YARD BOX	650.00
10/19/2022	Permit	1	25.00	ENERGY FEE	25.00

Total	$2,075.00
Payments/Credits	-$2,075.00
Balance Due	$0.00

FMB MATERIALS INC.
DBA
ISLAND ROLL OFF

79 Storer Avenue, Staten Island, NY 10309
Phone: 718-816-4547
Email: sales@islandind.net • Website: islandind.com

Container Number

Driver's Initial

Ticket No. 3580
Drop Date 9-14-22
Pick Up Date
Days Allowed
Extra Per Day Charge

NAME: Mammoth Const.
ADDRESS: 158 Page Ave SI N.Y
PHONE:

JOB SITE

BOX SIZE & NUMBER	ALLOWED WT.	PRICE
10	2 Tons	
(20) Concrete	3 Tons	
30	4 Tons	
40	8 Tons	

_____ Carting Co. Not Responsible for damage on inside curb deliveries.
INITIAL

Customer responsible for all over weight charges.
Balance due past 10 days subject to 1 1/2% per month.

Authorized & Received by X_____

Over Wt. Charge
Extra Days Charge

Cash or Ck. Number

Total
Deposit
Bal. Due

WE DO NOT ACCEPT HAZARDOUS WASTE MATERIALS, PAINTS OR THINNERS

$50 Service Charge On Returned Checks
$50 Service Charge For All Cancelled Appointments

WE ACCEPT ALL MAJOR CREDIT CARDS

THANK YOU

FMB MATERIALS INC.
DBA
ISLAND ROLL OFF

79 Storer Avenue, Staten Island, NY 10309
Phone: 718-816-4547
Email: sales@islandind.net • Website: islandind.com

Container Number

Driver's Initial

Ticket No. 3581
Drop Date 10/6/22
Pick Up Date
Days Allowed
Extra Per Day Charge

NAME: Mammoth Const.
ADDRESS: 158 Page Ave SI, NY
PHONE:

JOB SITE

BOX SIZE & NUMBER	ALLOWED WT.	PRICE
10	2 Tons	
(20) Concrete	3 Tons	
30	4 Tons	
40	8 Tons	

_____ Carting Co. Not Responsible for damage on inside curb deliveries.
INITIAL

Customer responsible for all over weight charges.
Balance due past 10 days subject to 1 1/2% per month.

Authorized & Received by X_____

Over Wt. Charge
Extra Days Charge
Cash or Ck. Number
Total
Deposit
Bal. Due

WE DO NOT ACCEPT HAZARDOUS WASTE MATERIALS, PAINTS OR THINNERS

$50 Service Charge On Returned Checks
$50 Service Charge For All Cancelled Appointments

WE ACCEPT ALL MAJOR CREDIT CARDS

THANK YOU

FMB MATERIALS INC.
DBA
ISLAND ROLL OFF

79 Storer Avenue, Staten Island, NY 10309
Phone: 718-816-4547
Email: sales@islandind.net • Website: islandind.com

Container Number

Driver's Initial

Ticket No. 3582

Drop Date 10-7-22

Pick Up Date

Days Allowed

Extra Per Day Charge

NAME: Mammoth Const.

ADDRESS: 158 Page Ave SI, NY

PHONE:

JOB SITE

BOX SIZE & NUMBER	ALLOWED WT.	PRICE
10 Asphalt	2 Tons	
20	3 Tons	
30	4 Tons	
40	8 Tons	

_____ Carting Co. Not Responsible for damage on inside curb deliveries.
INITIAL

Customer responsible for all over weight charges.
Balance due past 10 days subject to 1 1/2% per month.

Authorized & Received by X_____

Over Wt. Charge

Extra Days Charge

Cash or Ck. Number

Total

Deposit

Bal. Due

WE DO NOT ACCEPT HAZARDOUS WASTE MATERIALS, PAINTS OR THINNERS

$50 Service Charge On Returned Checks
$50 Service Charge For All Cancelled Appointments

WE ACCEPT ALL MAJOR CREDIT CARDS

THANK YOU

FMB MATERIALS INC.
DBA
ISLAND ROLL OFF

79 Storer Avenue, Staten Island, NY 10309
Phone: 718-816-4547
Email: sales@islandind.net • Website: Islandind.com

Container Number

Driver's Initial

Ticket No. 3584
Drop Date 10/19/22
Pick Up Date
Days Allowed
Extra Per Day Charge

NAME: Mammoth Const.
ADDRESS: 158 Page Ave SI NY
PHONE:

JOB SITE

BOX SIZE & NUMBER	ALLOWED WT.	PRICE
10	2 Tons	
(20) Concrete	3 Tons	
30	4 Tons	
40	8 Tons	

_____ Carting Co. Not Responsible for damage on inside curb deliveries.
INITIAL

Customer responsible for all over weight charges.
Balance due past 10 days subject to 1 1/2% per month.

Authorized & Received by X_____

Over Wt. Charge
Extra Days Charge
Cash or Ck. Number
Total
Deposit
Bal. Due

WE DO NOT ACCEPT HAZARDOUS WASTE MATERIALS, PAINTS OR THINNERS

$50 Service Charge On Returned Checks
$50 Service Charge For All Cancelled Appointments

WE ACCEPT ALL MAJOR CREDIT CARDS

THANK YOU

ATTACHMENT C

Tamborra Architecture Plans

ROAD

[14.30'] S82°43'00"E S82°43'00"E

14.08 TC 13.53 BC

SF-0.22-Acres

346.35'

40' RECORD

315.57

366.69 (15.2 Tax)

25' Curb Cut

Concrete Curb

RICHMOND VALLEY ROAD

S77°45'00"E

146.54' (209.8 Tax)

Relocated 30' Curb Cut

10.10 TC 9.60 BC

S82°43'00"E

51.12'

Adopted Area = 3,900 SF 0.09 Acres

NEW 5' SIDEWALK

203.23'

Existing HotBox

Existing Grassed Area and Curb to Remain

Existing Curb To Remain

PYLON SIGN

Typ Painted Crosswalk

Typ 5' x 5' Cut in Existing Conc. Sidewalk for New tree planting, similar detail 3 & 4 C-107/DPC-6

Ex c.c.

TRASH AREA

Sonic Canopy

ONLY

HSE # 148 PAGE AVE
NEW LOT #260
19,351 SF
0.44 ACRES
FF +10.51
(2,500 SF)

TAX LOT #250
New Lot Area **202,336 SF
**4.64 ACRES

NING LOT "B", TAX LOTS #250 & 280
Combined Lot Area **223,865 SF
**5.13 ACRES

236 RICHMOND VALLEY BUILDING
63,519 SF

l Parking For
's 250 & 280:
217 Cars

ZONING LOT "C"
TAX LOTS #260, 270
**43,405 SF
**0.99 ACRES

**136.44'

S85°32'14"E

**49.00'

S85°32'14"W

Ex Fire Hydrant

Fire Department Access Area No Parking

NOTE: CURB CUT ENTRANCE/EXIT IS FOR RIGHT TURNS ONLY

Traffic Lane Markings

Traffic Delineator Poles

STOP SIGN

SERVICE WINDOW

MENU BOARD

HSE # 158 PAGE AVE
NEW LOT #270
**24,054 SF
**0.55 ACRES
FF +9.56'
(2,500 SF)

DEC CAP AREA

DEC PLANTING AREA

TAX LOT #280
21,529 SF
0.49 ACRES

N88°51'00"W
243.84'

243.78'

387.61'

N04°25'16"E

98.60'

N85°31'11"E

**18.32'

S04°25'16"W

355.97' [ESMT]

125.69'

144.04'

N04°25'16"E

P.O.B. NEW LOT 260

[10.60']

10.37 RB

NEW LOT 270 to RICHMOND VALLEY ROAD 229.25'

P.O.B. NEW LOT 270 to RICHMOND VALLEY ROAD 91.60'

ALG [17.61']

16.78 RB

19.70 TC 19.13 BC

100' ADOPTED

[24.62']

24.12 TC 23.58 BC

24.27 RB

PAGE AVENUE

Painted Line Stripping

Existing Outdoor Open Area

New Loading Berth (1)

Employee Parking

Existing Container Area

70 EXISTING ACTIVE ASPHALT PARKING AREA

REAR YARD SETBACK

Front Yard Loop Setback

Existing Fence to Remain

NEW PARKING LOT LIGHT FIXTURE (450 Watt per Head)

OT PLAN

SITE TAX LOT BLOW-UP PLAN
SCALE: 1" = 20'-0"

DEPT BLDGS Job No 520056590
Scan Code
ESH54804102

REVISIONS

NO.	DESCRIPTION	DATE

SITE NOTES:

ALL METES AND BOUNDS INFORMATION SHOWN ON THIS SITE PLAN HAS BEEN TAKEN FROM LAND SURVEY PREPARED BY ROGERS SURVEYING, PLLC THE ARCHITECT ASSUMES NO RESPONSIBILITY FOR ITS ACCURACY.

SEE PAVING PLAN FOR ALL STREET, SIDEWALK AND CURB IMPROVEMENTS.

OWNERS OF ADJOINING PROPERTY TO BE NOTIFIED 5 DAYS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.

PROPOSED CONSTRUCTION WILL NOT HAVE AN ADVERSE EFFECT ON ADJOINING PROPERTIES.

FIRE HYDRANT TO BE LOCATED WITHIN 250FT. OF BUILDING ENTRANCE.

THE OWNER/BUILDER OF THE PROPERTY SHOWN ON THIS SITE PLAN HAS STATED THAT ALL WORK PERFORMED UNDER THIS APPLICATION WILL HAVE NO ADVERSE EFFECT ON ANY SURROUNDING PROPERTIES CONCERNING STORM WATER DRAINAGE. MOREOVER HE/SHE WILL BE RESPONSIBLE TO MAKE CERTAIN THAT WHILE THE WORK IS BEING DONE THE SURROUNDING PROPERTY WILL BE PROTECTED FROM STORM WATER DRAINAGE.

ALL FINISHED GRADES SHOWN ON THE FINAL SURVEY OF THE REFERENCED PROPERTY SHALL CONFORM TO THE ELEVATIONS SHOWN AS PROPOSED GRADES ON THIS SITE PLAN.

POURED CONCRETE CURB WALLS SHALL BE INSTALLED AT ALL LOCATIONS SHOWN ON THIS SITE IN ACCORDANCE WITH THE DETAILS OUTLINED ON THE GENERAL NOTE SHEET.

ALL AREA DRAINS AND YARD DRAINS TO BE INSTALLED AT ALL LOCATIONS SHOWN ON THIS SITE PLAN. ALL DRAINS, TOP FLANGES, ETC., SHALL BE B.S.A. OR MEA APPROVED TYPES.

AN APPROVED TYPE WATER METER SHALL BE INSTALLED FOR EACH DWELLING UNIT IN ACCORDANCE WITH ANY N.Y.C. AGENCY HAVING JURISDICTION.

NO GRADES SHALL CHANGE IN EXCESS OF 2.0' OF CUT OR FILL.

EXISTING TREES WITHIN AREA TO BE PAVED FOR SIDEWALKS SHALL NOT BE REMOVED UNTIL APPROVAL OF NYC PARKS DEPARTMENT / DEPARTMENT OF TRANSPORTATION OR ANY OTHER AGENCY HAVING JURISDICTION HAVE PERMITTED THEIR REMOVAL.

SITE PLAN LEGEND:

- x 00.0 — EXISTING SPOT ELEVATION (RELOCATED)
- (00.00) — EXISTING GRADES
- <00.00> — PROPOSED GRADES
- [00.00] — LEGAL GRADES
- 00 — EXISTING CONTOUR LINES
- 00 — NEW CONTOUR LINES
- RELOCATED CONTOUR LINES
- EXISTING TREE TO REMAIN
- EXISTING TREE TO BE REMOVED
- NEW 3" MAPLE TREE TO BE PLANTED
- NEW 3" CHERRY TREE TO BE PLANTED
- NEW TREE TO BE PLANTED IN 5' x 5' MIN CUT OPENING IN EXIST SIDEWALK
- NEW 4' HIGH LOW-LYING SHUBBERY AS PER ZR 37-90
- WIDENING LINE
- WETLAND BOUNDARY LINE
- SETBACK LINE
- PROPERTY LINE
- ACCESS EASEMENT
- NEW RETAINING WALL
- EXISTING FENCE TO REMAIN
- EXISTING FENCE TO BE REMOVED
- F.G.E. — FINISHED GARAGE ELEVATION
- F.F.E. — FINISHED FIRST FLOOR ELEVATION
- C.F.E. — CELLAR FLOOR ELEVATION
- X <00.00> — PROPOSED GRADE (SPOT ELEVATION)
- NEW PARKING LOT LIGHT FIXTURE (450 Watt per Head)

NOTE:

PAVING PLAN, SANITARY AND STORM WATER DISPOSAL ENGINEERING SHALL BE PROVIDED BY OTHERS.

BASED ON SURVEY PROVIDED BY OWNER:
SURVEYOR: Rogers Surveying PLLC
SURVEY No.: 13878

© COPYRIGHT 20 22 TAMBORRA ARCHITECTURE & CONSTRUCTION, P.C.
ALL RIGHTS RESERVED

IT IS A VIOLATION OF THE LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT, TO ALTER AN ITEM IN ANY WAY.

IF AN ITEM BEARING THE ARCHITECTURAL SEAL OF THE LICENSED ARCHITECT IS ALTERED, THE ALTERING ARCHITECT SHALL AFFIX TO HIS ITEM HIS SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

Tamborra Architecture Construction, P.C.
Architecture, Design Build, Construction Management
245F Bricktown Way, Staten Island, NY 10309
917-626-5408

PROJECT:
236 RICHMOND VALLEY ROAD
148 PAGE AVENUE
158 PAGE AVENUE
STATEN ISLAND, NY 10309
BLOCK: 7971
TAX LOTS: 240, 250, 260, 270, 280

DRAWING TITLE:
SITE PLAN ZONING LOT #3
PARTIAL ZONING LOT #2

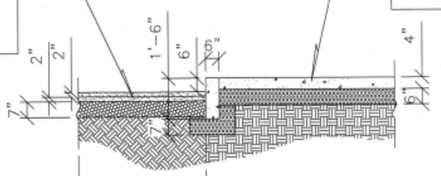
SEAL & SIGNATURE:
REGISTERED ARCHITECT NICHOLAS P. TAMBORRA NO. 029855 STATE OF NEW YORK

ANTHONY ODDO
AUG 10 2022

DATE:	01/24/2022
PROJECT No.:	0124/202
DRAWING BY:	
CHK BY:	N.Tamborra
DWG No.:	C-102.18
CAD File No.:	

Typical Asphalt Roadbed: 2 Layers, One Layer 2" Asphalt Top Coat over One Layer 2" Bond Coat over 7" RGA Stone Base over Compacted Fill every 6" Vertically down to Stable Soil.

Typical Concrete Sidewalk: 3000 psi Concrete over 6" Stone Base

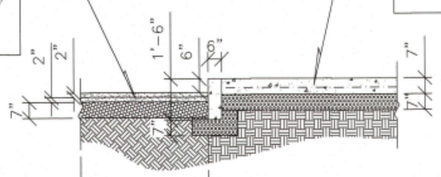


Typ Compacted Fill Under Roadbed

1 Typical Section @ Sidewalks, Asphalt Roadbed
C-107/CPC-09 3/8" = 1'-0"

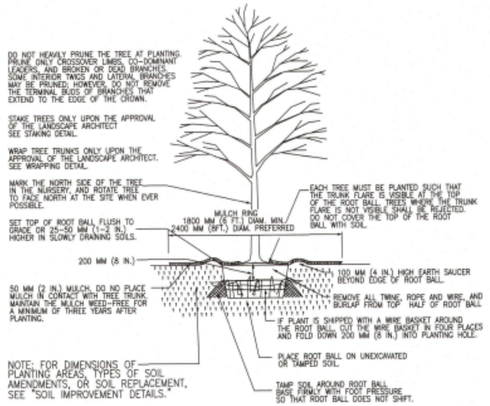
Typical Asphalt Roadbed: 2 Layers, One Layer 2" Asphalt Top Coat over One Layer 2" Bond Coat over 7" RGA Stone Base over Compacted Fill every 6" Vertically down to Stable Soil.

Typical Concrete Driveway: 4500 psi Concrete with Highway Mat 6 x 6 WF over 7" Stone Base

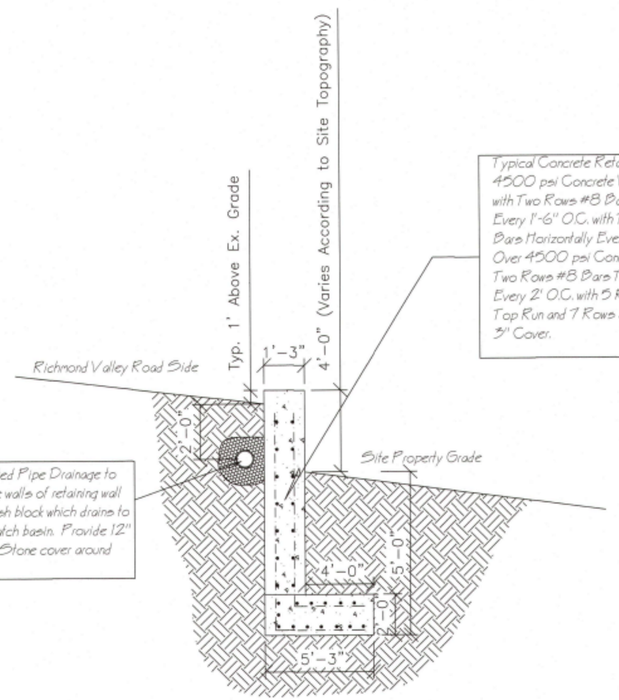


Typ Compacted Fill Under Roadbed

2 Typical Section @ Conc Driveway, Asphalt Roadbed
C-107/CPC-09 3/8" = 1'-0"



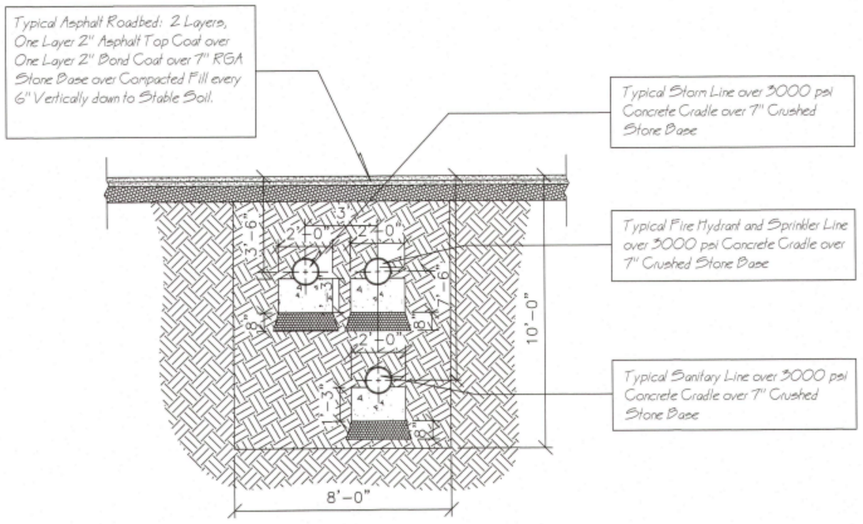
3 TREE PLANTING DETAIL - B&B TREES IN ALL SOIL TYPES
C-107/CPC-09 NOTE: THE PLANTING SPACE IS LARGER THAN 2400 MM (8 FT.) SQUARE, OPEN TO THE SKY, AND NOT COVERED BY ANY PAVING OR GRATING.



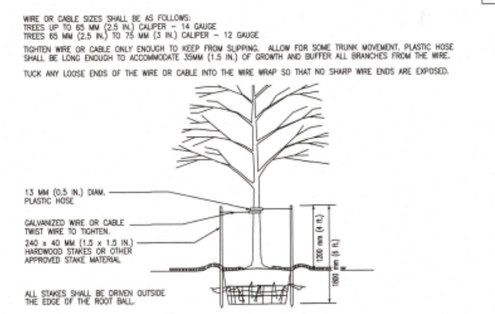
Typical Concrete Retaining Wall: 4500 psi Concrete Vertical Section with Two Rows #8 Bars Vertically Every 1'-6" O.C. with Two Rows #8 Bars Horizontally Every 1'-0" O.C., Over 4500 psi Concrete Footing with Two Rows #8 Bars Top and Bottom Every 2' O.C. with 5 Rows # 8 Bars at Top Run and 7 Rows at Bottom Run, min. 3" Cover.

6" Dia Perforated Pipe Drainage to wrap around side walls of retaining wall onto a site splash block which drains to existing storm catch basin. Provide 12" 3/4" Crushed Stone cover around Pipe.

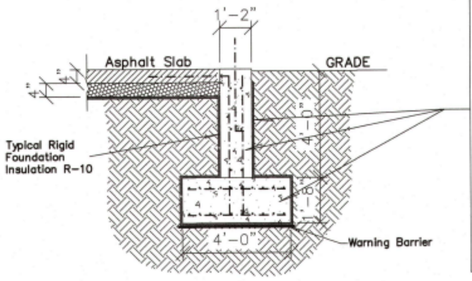
8 Richmond Valley Rd Retaining Wall Detail Section A-A
C-107/CPC-09 3/8" = 1'-0"



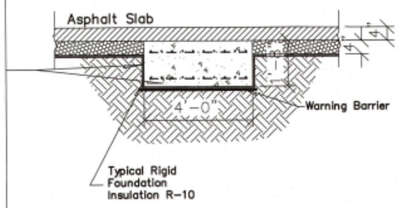
5 Typical Section @ Service Trench, Asphalt Roadbed
C-107/CPC-09 3/8" = 1'-0"



4 TREE STAKING DETAIL - TREES 75MM (3 IN.) CALIPER OR LESS
C-107/CPC-09



3500 psi Concrete 1'-2" Thick Foundation Wall and 4' x 1'-8" High Footings. at Footings provide at Bottom 7 Rows # 7 Bars Min 4" cover at Top 7 Rows #5 Bars Min 4" cover, Run # 5 Bars Vertically 24" every 48" O.C. to tie into Foundation Wall. Foundation Wall provide Two Rows #5 Bars Vertically every 24" O.C., Provide Three Rows Horizontal #5 Bars every 18" OC.. Typical Top of Footing Set 4' Below Grade. Provide Foundation Insulating Encapsulating Membrane, Warning Barrier and Trenching Methods as per DEC VCP V-00159-2 Regulations, see DOB Note # 6/C-101.



6 Typical Foundation Detail @168 Page Ave
C-107/CPC-09 3/8" = 1'-0"

7 Typical Foundation Haunch Detail @ 168 Page Ave
C-107/CPC-09 3/8" = 1'-0"

SITE TREE PLANTING NOTES:
1) PROPOSED PARKING LOT COMPLIES WITH PLANTING AND SCREENING REQUIREMENTS OF ZR107-483 AND ZR37-922 HOWEVER BASED UPON DEC VCP 000159-2 WORK AUTHORIZATION, THESE REQUIREMENTS MAY BE REQUIRED TO BE WAIVED AS PER ZR107-483c DUE TO THE SITE CONTAMINATION CONDITIONS THAT EXIST WITHIN THE SOIL, FOR ACCORDING TO THIS DEC REQUIREMENT NO PENETRATIONS OF THE UNDERGROUND MEMBRANE MAY BE PENETRATED DUE TO TREE ROOT GROWTH.
2) TREE PLANTING WITHIN PLANTERS WOULD BE PROBLEMATIC FOR TREE ROOT GROWTH WOULD STILL PENETRATE INSTALLED ENCAPSULATION MEMBRANE AS REGULATED BY DEC VCP 00159-2 WORK AUTHORIZATION THUS CREATE POTENTIAL LEACHING OF HAZARDOUS SOIL MATERIAL.

AUG 1 0 2022
ANTHONY ODDO

© COPYRIGHT 20 22 TAMBORRA ARCHITECTURE & CONSTRUCTION, P.C.
ALL RIGHTS RESERVED

IT IS A VIOLATION OF THE LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT, TO ALTER AN ITEM IN ANY WAY.

IF AN ITEM BEARING THE ARCHITECTURAL SEAL OF THE LICENSED ARCHITECT IS ALTERED, THE ALTERING ARCHITECT SHALL AFFIX TO HIS ITEM HIS SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

Tamborra Architecture Construction, P.C.
Architecture, Design Build, Construction Management
245F Bricktown Way, Staten Island, NY 10309
917-626-5408

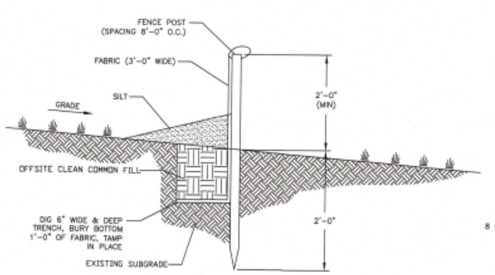
PROJECT: 236 RICHMOND VALLEY ROAD
148 PAGE AVENUE
158 PAGE AVENUE
STATEN ISLAND, NY 10309
BLOCK: 7971
TAX LOTS: 240, 250, 260, 270, 280

DRAWING TITLE:
VARIOUS SITE DETAILS

DRAFT Signed Job No. 520056560
Scan Code ESHS1202305

SEAL & SIGNATURE:
REGISTERED ARCHITECT NICHOLAS P. TAMBORRA NO. 022686 STATE OF NEW YORK

DATE:	01/24/2022
PROJECT No.:	0124/2012
DRAWING BY:	
CHK BY:	N.Tamborra
DWG No.:	C-107.18
CAD File No.:	cpc-Lukes
	6 of 9

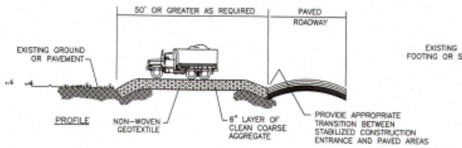


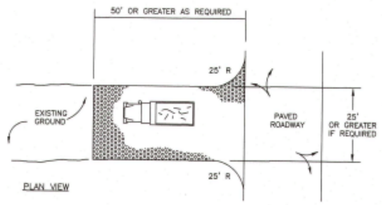
1 TYPICAL SILT FENCE DETAIL

SCALE: NOT TO SCALE

4

SCALE: NOT TO SCALE



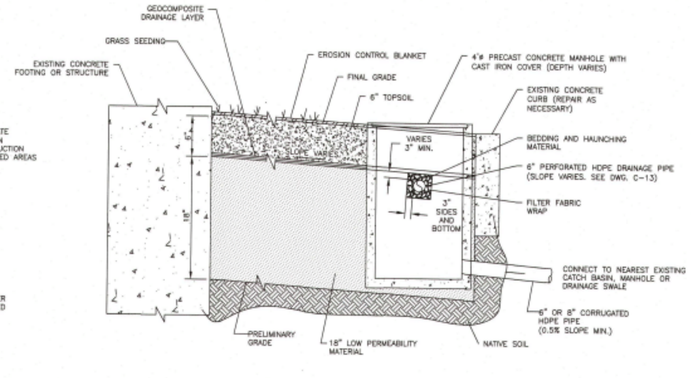


6

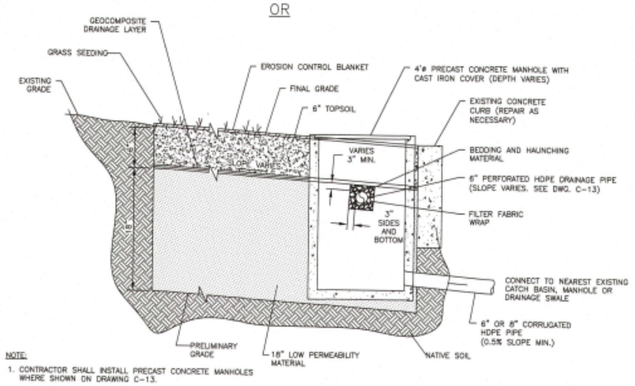
SCALE: NOT TO SCALE

NOTES:

1. CONTRACTOR SHALL INSTALL STABILIZED CONSTRUCTION ENTRANCE AT EACH VEHICLE ACESS POINT TO THE SITE, AS SHOWN ON THE DRAWING, OR NECESSARY FOR THE WORK.
2. STONE SIZE SHALL BE COURSE AGGREGATE (STONE SIZE 2" TO 3").
3. NON-WOVEN GEOTEXTILE – PLACE OVER ENTIRE AREA PRIOR TO PLACING OF STONE.
4. MAINTENANCE – THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SOIL ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SOIL. ALL SOIL SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
5. WASHING – WHEELS SHALL BE CLEANED TO REMOVE SOIL PRIOR TO ENTRANCE ONTO PUBLIC RIGHTS-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE.
6. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.



OR

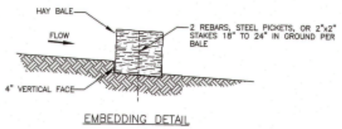


NOTE:

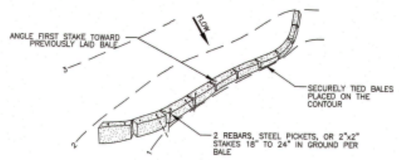
1. CONTRACTOR SHALL INSTALL PRECAST CONCRETE MANHOLES WHERE SHOWN ON DRAWING C-13.
2. SEE DETAIL 2 ON DRAWING C-23 FOR A LONGITUDINAL DETAIL OF PERFORATED PIPING AND MANHOLE.
3. FILTER FABRIC WRAP SHALL BE 10oz NON WOVEN FILTER FABRIC.
4. 6-INCH PERFORATED DRAINAGE PIPING SHALL BE ADVANCED DRAINAGE SYSTEMS (ADS) CORRUGATED PERFORATED HDPE PIPE OR APPROVED EQUAL.

8 LOW PERMEABILITY MATERIAL CAP DETAILS

SCALE: NOT TO SCALE

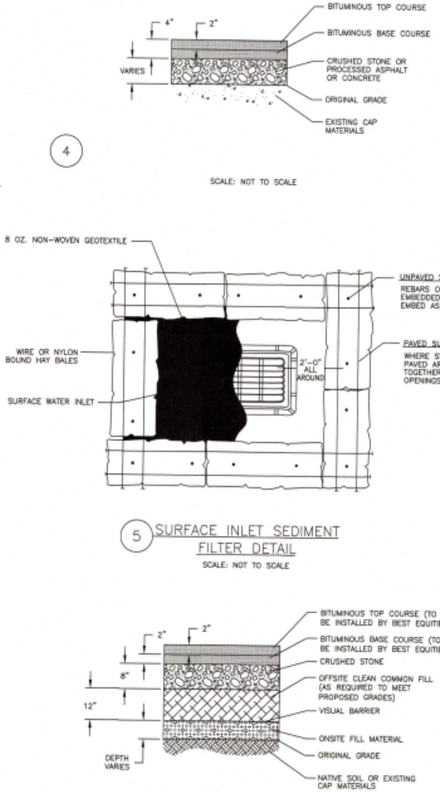


EMBEDDING DETAIL



2 HAY BALE SEDIMENT BARRIER PLACEMENT AND ANCHORING DETAIL

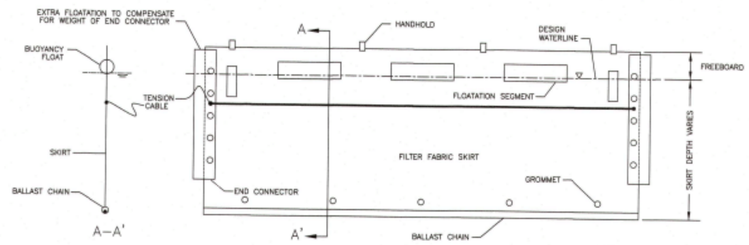
SCALE: NOT TO SCALE



5 SURFACE INLET SEDIMENT FILTER DETAIL

SCALE: NOT TO SCALE

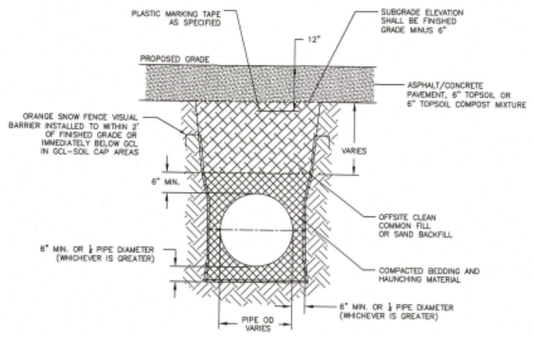
SCALE: NOT TO SCALE



NOTE:
CONTRACTOR SHALL SIZE SILT CURTAIN BASED ON CONDITIONS IN EMBAYMENT AREA.

3 TYPICAL SILT CURTAIN DETAIL

SCALE: NOT TO SCALE

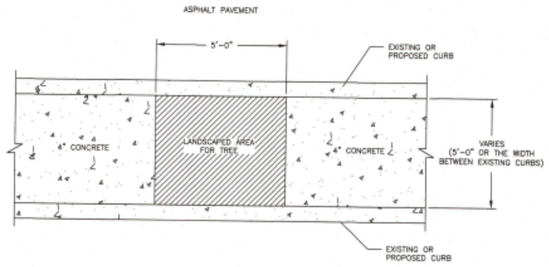


NOTE:

TYPE OF OFFSITE FILL TO BE PROVIDED ABOVE THE COMPACTED BEDDING AND HAUNCHING MATERIAL VARIES DEPENDING ON THE FINAL COVER TYPE IN THE AREA (I.E., WETLAND BANK STABILIZATION, ASPHALT PAVEMENT, ETC.)

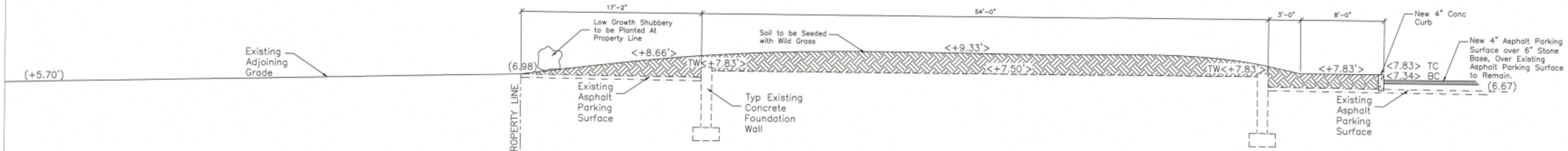
7 PROPOSED SEWER PIPE CROSS SECTION

SCALE: NOT TO SCALE



9 CONCRETE ENCASEMENT AROUND EXISTING TREES IN PARKING LOT ISLANDS

SCALE: NOT TO SCALE



10 PROPOSED SOIL PROFILE AT INSTALLED FOUNDATION AREA FOR TAX LOT 280: 168 PAGE AVENUE

SCALE: NOT TO SCALE

AUG 10 2022

ANTHONY ODDO

DEPT BLDGS Job No: 520056590
Scan Code: ESHS7684568

© COPYRIGHT 20 22 TAMBORRA ARCHITECTURE & CONSTRUCTION, P.C.
ALL RIGHTS RESERVED

IT IS A VIOLATION OF THE LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT, TO ALTER AN ITEM IN ANY WAY.

IF AN ITEM BEARING THE ARCHITECTURAL SEAL OF THE LICENSED ARCHITECT IS ALTERED, THE ALTERING ARCHITECT SHALL AFFIX TO HIS ITEM HIS SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

Tamborra Architecture Construction, P.C.
Architecture, Design Build, Construction Management
245F Bricktown Way, Staten Island, NY 10309
917-626-5408

PROJECT: 256 RICHMOND VALLEY ROAD
148 PAGE AVENUE
158 PAGE AVENUE
STATEN ISLAND, NY 10309
BLOCK: 7971
TAX LOTS: 240, 250, 260, 270, 280

DRAWING TITLE:

DEC SITE DETAILS AND SOIL PROFILE AS PER DEC CONSENT ORDER

SEAL & SIGNATURE:

REGISTERED ARCHITECT NICHOLAS P. TAMBORRA LIC. 023858 STATE OF NEW YORK

DATE:	01/24/2022
PROJECT No.:	0124/202
DRAWING BY:	
CHK BY:	N.Tamborra
DWG No.:	C-109.18
CADFile No.:	cpc1dwg
	8 of 9

ATTACHMENT D

Notification Letter to NYSDEC

ADVANCED SITE RESTORATION, LLC
ENVIRONMENTAL SERVICES

March 3, 2022

Jane H. O'Connell, P.G.
Regional Remediation Engineer, Division of Environmental Remediation
New York State Department of Environmental Conservation
47-40 21st Street
Long Island City, NY 11101

RE: V00159-2- Nassau Metals OU-2
286 Richmond Valley Road
Staten Island, New York

Dear Ms. Jane O'Connell:

Advanced Site Restoration, LLC (ASR) is submitting this letter to the New York State Department of Environmental Conservation (NYSDEC) to notify you of upcoming work that is planned to be conducted at the property located at 286 Richmond Valley Road, Staten Island, New York (Site). It is important to note that all intrusive work will be performed outside of the defined limits of the composite cover system as defined in the Soil Management Plan (SMP) date May 2019. Speifically, the work will be performed in areas where there were no historical evidence/documentation of filling, waste disposal or active operations occurring. For your reference, please refer to the attached figure. Although not specifically required by the SMP, ASR is providing this notification to keep the NYSDEC aware of ongoing activities at OU-2. Below is the proposed Scope of Work.

Scope of Work:
The proposed work includes the installation of a new paving stone patio adjacent to the building located at 286 Richmond Valley Road. The work will consist of excavating an approximate 3,000 square foot (sf) area to a depth of 8-inches below grade surface (bgs.). As shown in the attached figure, the excavated soil will be relocated to the gully south-southwest of the new stone patio area. Once the soil is removed and the new patio area is graded, the pavers will be placed on top of stone and the perimeter of the patio will be cemented via hand mixed cement. No existing concrete or asphalt will be disturbed in the process. No soil will leave the site.

The landscaping work will be performed by:
358 Vintage Landscaping DBA Design Landscapes
123 Bedell Avenue, Staten Island, NY 10307

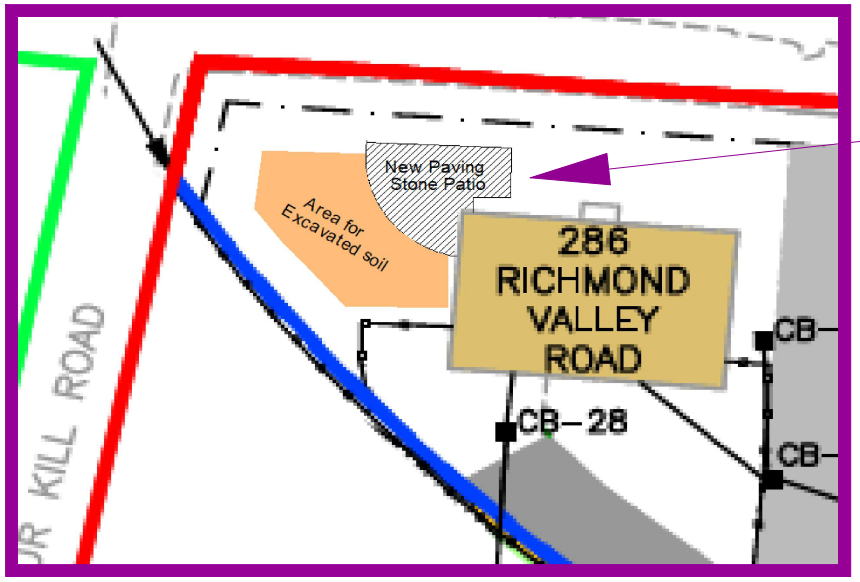
For the NYSDEC's additional reference, the work will be overseen and documented by ASR in Daily Reports including CAMP and photo documentation during the soil disturbance activities. The work is estimated to take approximately 5 days. The daily reports will be submitted to Roux Associates, Inc. and the NYSDEC.

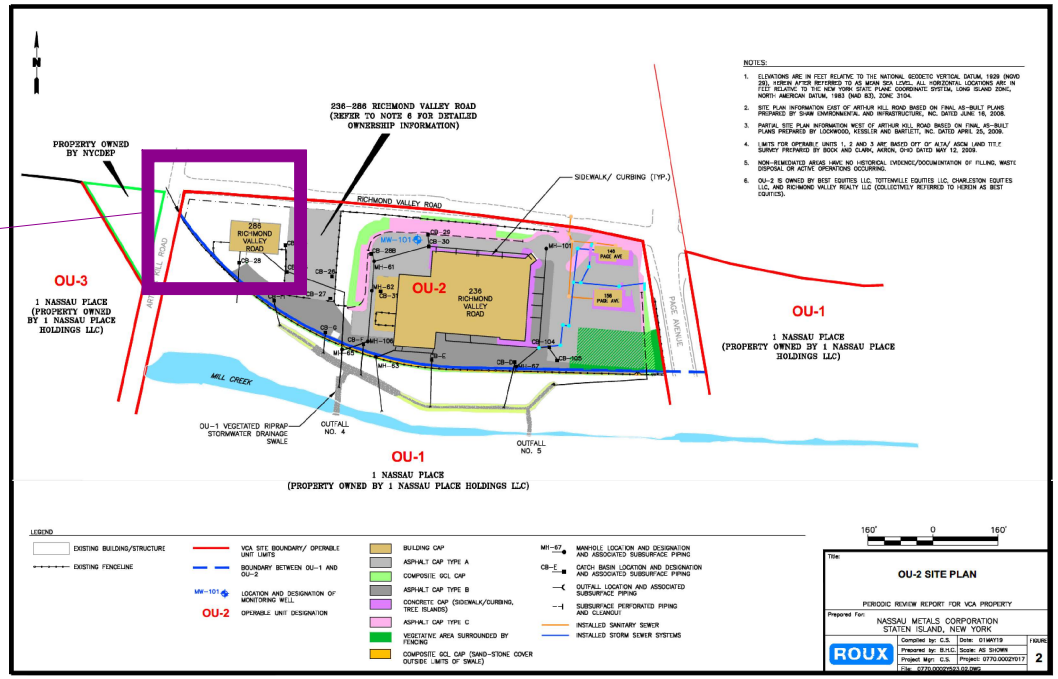
If you have any questions or require any further information, please do not hesitate to contact me.

Sincerely,

Richard Levato
Principal

3630 EAST TREMONT AVE. P.O. BOX 1020
BRONX, NEW YORK 10465-9998
TEL: 212•809•1110
www.askasr.com


New Paving Stone Patio
Area for Excavated Soil
286 RICHMOND VALLEY ROAD
CB-28
CB-
CB-
UR KILL ROAD


236-286 RICHMOND VALLEY ROAD (REFER TO NOTE 6 FOR DETAILED OWNERSHIP INFORMATION)
PROPERTY OWNED BY NYCDEP
SIDEWALK/ CURBING (TYP.)
RICHMOND VALLEY ROAD
OU-3
1 NASSAU PLACE (PROPERTY OWNED BY 1 NASSAU PLACE HOLDINGS LLC)
OU-2
236 RICHMOND VALLEY ROAD
OU-1
1 NASSAU PLACE (PROPERTY OWNED BY 1 NASSAU PLACE HOLDINGS LLC)
MILL CREEK
OU-1 VEGETATED RIPRAP STORMWATER DRAINAGE SWALE
OUTFALL NO. 4
OUTFALL NO. 5
OU-1
1 NASSAU PLACE (PROPERTY OWNED BY 1 NASSAU PLACE HOLDINGS LLC)
NOTES:
1. ELEVATIONS ARE IN FEET RELATIVE TO THE NATIONAL GEODETIC VERTICAL DATUM, 1929 (NGVD 29), HEREIN AFTER REFERRED TO AS MEAN SEA LEVEL. ALL HORIZONTAL LOCATIONS ARE IN FEET RELATIVE TO THE NEW YORK STATE PLANE COORDINATE SYSTEM, LONG ISLAND ZONE, NORTH AMERICAN DATUM, 1983 (NAD 83), ZONE 3104.
2. SITE PLAN INFORMATION EAST OF ARTHUR KILL ROAD BASED ON FINAL AS-BUILT PLANS PREPARED BY SHAW ENVIRONMENTAL AND INFRASTRUCTURE, INC. DATED JUNE 18, 2008.
3. PARTIAL SITE PLAN INFORMATION WEST OF ARTHUR KILL ROAD BASED ON FINAL AS-BUILT PLANS PREPARED BY LOCKWOOD, KESSLER AND BARTLETT, INC. DATED APRIL 25, 2009.
4. LIMITS FOR OPERABLE UNITS 1, 2 AND 3 ARE BASED OFF OF ALTA/ ASCM LAND TITLE SURVEY PREPARED BY BOCK AND CLARK, AKRON, OHIO DATED MAY 12, 2009.
5. NON-REMEDIATED AREAS HAVE NO HISTORICAL EVIDENCE/DOCUMENTATION OF FILLING, WASTE DISPOSAL OR ACTIVE OPERATIONS OCCURRING.
6. OU-2 IS OWNED BY BEST EQUITIES LLC, TOTTENVILLE EQUITIES LLC, CHARLESTON EQUITIES LLC, AND RICHMOND VALLEY REALTY LLC (COLLECTIVELY REFERRED TO HEREIN AS BEST EQUITIES).
LEGEND
EXISTING BUILDING/STRUCTURE
EXISTING FENCELINE
VCA SITE BOUNDARY/ OPERABLE UNIT LIMITS
BOUNDARY BETWEEN OU-1 AND OU-2
MW-101 LOCATION AND DESIGNATION OF MONITORING WELL
OU-2 OPERABLE UNIT DESIGNATION
BUILDING CAP
ASPHALT CAP TYPE A
COMPOSITE GCL CAP
ASPHALT CAP TYPE B
CONCRETE CAP (SIDEWALK/CURBING, TREE ISLANDS)
ASPHALT CAP TYPE C
VEGETATIVE AREA SURROUNDED BY FENCING
COMPOSITE GCL CAP (SAND-STONE COVER OUTSIDE LIMITS OF SWALE)
MH-67 MANHOLE LOCATION AND DESIGNATION AND ASSOCIATED SUBSURFACE PIPING
CB-E CATCH BASIN LOCATION AND DESIGNATION AND ASSOCIATED SUBSURFACE PIPING
OUTFALL LOCATION AND ASSOCIATED SUBSURFACE PIPING
SUBSURFACE PERFORATED PIPING AND CLEANOUT
INSTALLED SANITARY SEWER
INSTALLED STORM SEWER SYSTEMS
150' 0 150'
Title: OU-2 SITE PLAN
PERIODIC REVIEW REPORT FOR VCA PROPERTY
Prepared For: NASSAU METALS CORPORATION STATEN ISLAND, NEW YORK
ROUX
Compiled by: C.S. Date: 01MAY19
Prepared by: B.H.C. Scale: AS SHOWN
Project Mgr: C.S. Project: 0770.0002T017
FIGURE 2

ATTACHMENT E

Rogers Surveying Documents

COPYRIGHT 2023 ROGERS SURVEYING, PLLC
ALL RIGHTS RESERVED

IT IS A VIOLATION OF THE LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY.

IF AN ITEM BEARING THE PROFESSIONAL SEAL OF THE LICENSED LAND SURVEYOR IS ALTERED, THE ALTERING LAND SURVEYOR SHALL AFFIX TO HIS ITEM HIS SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

"UNAUTHORIZED ALTERATION OR ADDITION TO THIS SURVEY NOT BEARING A LICENSED LAND SURVEYOR'S SEAL IS A VIOLATION OF SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW."

"ONLY COPIES FROM THE ORIGINAL OF THIS SURVEY MARKED WITH AN ORIGINAL OF THE LAND SURVEYOR'S IMPRESSION SEAL SHALL BE CONSIDERED TO BE VALID TRUE COPIES."

"CERTIFICATIONS INDICATED HEREON SIGNIFY THAT THIS SURVEY WAS PREPARED IN ACCORDANCE WITH THE EXISTING CODE OF PRACTICE FOR LAND SURVEYORS ADOPTED BY THE NEW YORK STATE ASSOCIATION OF PROFESSIONAL LAND SURVEYORS."

"SAID CERTIFICATIONS SHALL RUN ONLY TO THE PERSON FOR WHOM THE SURVEY IS PREPARED AND ON HIS BEHALF TO THE TITLE COMPANY, GOVERNMENTAL AGENCY OR LENDING INSTITUTION LISTED HEREON AND TO THE ASSIGNEES OF THE LENDING INSTITUTION. CERTIFICATIONS ARE NOT TRANSFERABLE TO ADDITIONAL INSTITUTIONS OR SUBSEQUENT OWNERS."

RICHMOND VALLEY ROAD

ARTHUR KILL ROAD

LANDS NOW OR FORMERLY OF SIRR CORP.

PAGE AVENUE

Corporation Council Opinion 41' -60' As In Use 6/27/1990

P.O.B. LOTS 240, 250, 280

S 86° 30' 20" E 86.23'

S 85° 15' 40" E 100.06

S 86° 08' 00" E 183.00

S 85° 16' 00" E 254.40

S 82° 43' 00" E 191.56'

S 84° 34' 10" E 317.93'

S 77° 44' 59" E 50.25'

S 77° 45' 00" E 366.69

S 77° 45' 00" E 148.54'

P.O.B. 40' WIDE ACCESS EASEMENT 343.28' TO ARTHUR KILL RD.

EXISTING 40' WIDE EASEMENT (1.124 SF (0.35 ACRES)

AREA E-2 NEW TAX LOT 240 81,160 SF 1.86 ACRES

AREA D-2 TAX LOT 250: (4.68 ACRES) 203,888 SF

TAX LOT 280: 21,529 SF 0.49 ACRES

NEW TAX LOT 250 & 280 225,417 SF 5.17 ACRES

Tall One Story Masonry Building

Masonry Building Offices, Roller Rink Basketball Facility # 236

1 Story Brick # 286

1 Story Masonry "Sonic" # 148 PAGE AVENUE TAX LOT 280 19,314 SF

168 PAGE AVENUE TAX LOT 280 21,529 SF VACANT

N 04° 25' 16" E 121.18'

S 04° 25' 16" W 98.53'

S 85° 32' 14" E 60.00'

S 04° 25' 16" W 95.46'

N 85° 31' 11" W 29.32'

S 04° 25' 16" W 98.60'

S85°32'14"E 125.44'

S85°31'11"E 161.67'

N 78° 58' 46" E 30.64'

S 09° 28' 14" E 95.46'

N 88° 51' 00" W 243.78'

243.84' Tax Map

487.62'

L=814.20' R=860.37' D=52°59'22"

L=472.15' S 04° 25' 16" W

L=342.08' D=22° 15' 42"

EX. 10' SEWER EASEMENT

EX. 10' SEWER EASEMENT

EX. 10' SEWER EASEMENT

EX. 16" WATER MAIN

EX. 12" WATER MAIN

EX. 8" WATER MAIN

EX. 8" GAS MAIN

EX. 6" GAS MAIN

EX. 4" GAS MAIN

EX. 12" SANITARY SEWER

EX. 8" SANITARY SEWER

EX. 6" SANITARY SEWER

EX. 12" STORM SEWER

EX. 8" STORM SEWER

EX. 6" STORM SEWER

EX. 4" STORM SEWER

EX. 12" CMP

EX. 8" CMP

EX. 6" CMP

EX. 4" CMP

EX. 12" C.I.

EX. 8" C.I.

EX. 6" C.I.

EX. 4" C.I.

EX. 12" D.I.P.

EX. 8" D.I.P.

EX. 6" D.I.P.

EX. 4" D.I.P.

EX. 12" C.M.P.

EX. 8" C.M.P.

EX. 6" C.M.P.

EX. 4" C.M.P.

EX. 12" C.I.P.

EX. 8" C.I.P.

EX. 6" C.I.P.

EX. 4" C.I.P.

EX. 12" R.C.P.

EX. 8" R.C.P.

EX. 6" R.C.P.

EX. 4" R.C

COPYRIGHT 2022 ROGERS SURVEYING, PLLC
ALL RIGHTS RESERVED

IT IS A VIOLATION OF THE LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY.

IF AN ITEM BEARING THE PROFESSIONAL SEAL OF THE LICENSED LAND SURVEYOR IS ALTERED, THE ALTERING LAND SURVEYOR SHALL AFFIX TO HIS ITEM HIS SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

"UNAUTHORIZED ALTERATION OR ADDITION TO THIS SURVEY NOT BEARING A LICENSED LAND SURVEYOR'S SEAL IS A VIOLATION OF SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW."

"ONLY COPIES FROM THE ORIGINAL OF THIS SURVEY MARKED WITH AN ORIGINAL OF THE LAND SURVEYOR'S IMPRESSION SEAL SHALL BE CONSIDERED TO BE VALID TRUE COPIES."

"CERTIFICATIONS INDICATED HEREON SIGNIFY THAT THIS SURVEY WAS PREPARED IN ACCORDANCE WITH THE EXISTING CODE OF PRACTICE FOR LAND SURVEYORS ADOPTED BY THE NEW YORK STATE ASSOCIATION OF PROFESSIONAL LAND SURVEYORS."

"SAID CERTIFICATIONS SHALL RUN ONLY TO THE PERSON FOR WHOM THE SURVEY IS PREPARED AND ON HIS BEHALF TO THE TITLE COMPANY, GOVERNMENTAL AGENCY AND LENDING INSTITUTION LISTED HEREON, AND TO THE ASSIGNEES OF THE LENDING INSTITUTION. CERTIFICATIONS ARE NOT TRANSFERABLE TO ADDITIONAL INSTITUTIONS OR SUBSEQUENT OWNERS."

RICHMOND VALLEY ROAD

ARTHUR KILL ROAD

LANDS NOW OR FORMERLY OF SIRR CORP.

AVENUE PAGE

Corporation Council Opinion 41' -60' As In Use 5/27/1990

Corporation Council Opinion 40' -50' As In Use 2/20/1925

80' Adopted 6/11/62

50' Adopted As Altered (Invisible Avenue)

50' Former Record

P.O.B. LOTS 240, 250, 280

S 86° 34' 30" E 86.29'

N 12° 26' 50" E 30.03'

S 15° 25' 30" W 15.85'

S 85° 17' 12" E

S 85° 15' 40" E 100.06

S 86° 08' 00" E

S 85° 16' 00" E

S 85° 17' 12" E

S 82° 43' 00" E

S 84° 34' 10" E

S 77° 44' 59" E 30.25'

S 77° 44' 59" E 366.69

S 77° 45' 00" E 146.54'

S 04° 25' 16" W

S 85° 32' 14" E 60.00'

S 09° 28' 14" E

N 85° 31' 11" W 29.32'

S85°31'11"E

N 78° 58' 46" E 30.64'

N 68°20'12"E

S 85°31'14"E

N 88° 51' 00" W

FORMER STREET LINE

Adopted Widening Line

Adopted Widening Line 12' Concrete Wall 4" Concrete Sidewalk

Adopted 7/7/1966

Adopted 9/11/86

AREA E-2
NEW TAX LOT 240
81,160 SF 1.86 ACRES

P.O.B.
40' WIDE ACCESS EASEMENT
343.28' TO ARTHUR KILL RD.

EXISTING 40' WIDE EASEMENT
15,124 SF (0.35 ACRES)

1 Story Brick
286

Tall One Story Masonry Building
NEW TAX LOT 250 & 280
225,417 SF 5.17 ACRES
AREA D-2 TAX LOT 250: 203,888 SF (4.68 ACRES)
TAX LOT 280: 21,529 SF 0.49 ACRES

Masonry Building
Officers, Roller Rink
Basketball Facility
236

1 Story Masonry
148 PAGE AVENUE
TAX LOT 270
19,331 SF

1 Story Masonry
158 PAGE AVENUE
TAX LOT 270
22,502 SF

INCLUDED

168 PAGE AVENUE
TAX LOT 280
21,529 SF
VACANT

P.O.B. NEW LOT 260

P.O.B. NEW LOT 280

Tax Map

Tax Lots 240, 250, 280
Area: 306,576 Sq. Ft.
(7.04 Acres)

NAVD 88

THIS IS TO CERTIFY THAT THERE ARE NO STREAMS, OR WATERCOURSES ON THE PROPERTY SHOWN ON THIS SURVEY.

G001.

CERTIFIED ONLY TO:
Best Equities LLC
Kearny Bank ISAOA/ATIMA
Old Republic National Title Insurance Company
Madison Title Agency, LLC Title # MTANY-117045
TriState Capital Bank, its successors and/or assigns

LEGEND

UTILITY POLE	CONCRETE COLUMN	VENT
GAS VALVE	VAULT	WELL
WATER VALVE	SIGN	WATER METER
HYDRANT	POST	GAS FILL
WATER SHUT OFF	BASIN	GAS METER
CATCH BASIN	CENTERLINE	GAS PUMP
GUY WIRE	FIRE ALARM	STAKE
MAN HOLE	MONUMENT	BOLLARD
MAN HOLE (SANITARY)	OIL FILL	WETLANDS FLAG
MAN HOLE (STORM)	TELEPHONE	
MAN HOLE (TELEPHONE)	GRATE (ROUND)	
MAN HOLE (ELECTRIC)	GRATE (SQUARE)	
MAN HOLE (WATER)	GUY WIRE CONNECTION	
GAS LINE MARKER	JUNCTION BOX	
LIGHT POLE	MAIL BOX	

WATER MAIN
OVERHEAD UTILITY LINES
UNDERGROUND UTILITY LINES
SEWER LINES
GAS MAINS

TREE LEGEND

ALAN.		PEAR	
APPLE		PINE	
BEECH		SASSAFRAS	
BIRCH		SWEET GUM	
CHERRY		SYCAMORE	
EVERGREEN		WILLOW	
LOCUST		POPLAR	
MAPLE		STUMP	
MULBERRY		DEC. TREE	
OAK			

LEGAL GRADE SHOWN THUS . . . . . [X.X]
EXISTING GRADES SHOWN THUS . . . . (X.X)
PROPOSED GRADES SHOWN THUS . . . <X.X>
GROUND ELEVATIONS SHOWN THUS . . . X.X

DATUM NOTE:

COORDINATES AND BEARINGS SHOWN ARE REFERENCED TO THE BOROUGH OF STATEN ISLAND, AS ESTABLISHED BY THE U.S. COAST & GEODETIC SURVEY FOR THE BOROUGH OF STATEN ISLAND.(BOGART SYSTEM)

ELEVATIONS SHOWN ARE REFERENCED TO STATEN ISLAND BOROUGH DATUM WHICH IS 3.19 ABOVE MEAN SEA LEVEL AT SANDY HOOK, NEW JERSEY (U.S. COAST & GEODETIC SURVEY) NOV.29.

NOTE:

THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME.

NOTE:

SEWERS AS SHOWN ON THIS MAP ARE FROM FIELD LOCATIONS ONLY. NO PLAN OF SEWERS WERE AVAILABLE AT THE BOROUGH OFFICE AT TIME OF SURVEY. THE SEWERS SHOWN HEREON MUST BE VERIFIED BY THE CONTRACTOR/BUILDER BEFORE ANY CONSTRUCTION COMMENCES. ROGERS SURVEYING, PLLC WILL NOT BE RESPONSIBLE FOR ANY ERRORS OR INACCURACIES OF THE SEWER INFORMATION.

GRAPHIC SCALE
30 0 15 30 60 120
(IN FEET)
1 inch = 30 ft.

Map of Survey
Richmond Valley
September 21, 2015
Tax Lots 240, 250, 270, & 280
Tax Block 7971
Filed Map Lots
Filed Map Block
Filed Map
Deed
Borough of Staten Island
County of Richmond
New York, NY

REVISIONS	JOB #	DATE	FB. / PG.	
FINAL SURVEY UPDATE	45879	1/21/22	PRINT	
REVISED		2/10/20		
NAVD 88 CONVERSION		12/13/17		
TITLE UPDATE LOT 240	42520	2/24/17	PRINT	
TITLE UPDATE LOT 250 & 280	42486	2/2/17	PRINT	
REVISED TAX LOT INFO		2/9/16		

236 & 286 Richmond Valley Road
158, & 168 Page Avenue
Staten Island, New York

Drafted by: PL	ROGERS SURVEYING, PLLC 2429 Arthur Kill Road Staten Island, N.Y. 10309 (718) 447-7311 www.rogerssurveying.net	Date : 9/21/15
Checked by: WS		Scale : 1" = 30'
Dwg. File: 33878-FINAL-NAVD88		Job No. : 33878
Disk No. 268	FINAL SURVEY	P.B./Pg. 934/53

COPYRIGHT 2023 ROGERS SURVEYING, PLLC
ALL RIGHTS RESERVED

IT IS A VIOLATION OF THE LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY.

IF AN ITEM BEARING THE PROFESSIONAL SEAL OF THE LICENSED LAND SURVEYOR IS ALTERED, THE ALTERING LAND SURVEYOR SHALL AFFIX TO HIS ITEM HIS SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

"UNAUTHORIZED ALTERATION OR ADDITION TO THIS SURVEY NOT BEARING A LICENSED LAND SURVEYOR'S SEAL IS A VIOLATION OF SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW."

"ONLY COPIES FROM THE ORIGINAL OF THIS SURVEY MARKED WITH AN ORIGINAL OF THE LAND SURVEYOR'S IMPRESSION SEAL SHALL BE CONSIDERED TO BE VALID TRUE COPIES."

"CERTIFICATIONS INDICATED HEREON SIGNIFY THAT THIS SURVEY WAS PREPARED IN ACCORDANCE WITH THE EXISTING CODE OF PRACTICE FOR LAND SURVEYORS ADOPTED BY THE NEW YORK STATE ASSOCIATION OF PROFESSIONAL LAND SURVEYORS."

"SAID CERTIFICATIONS SHALL RUN ONLY TO THE PERSON FOR WHOM THE SURVEY IS PREPARED AND ON HIS BEHALF TO THE TITLE COMPANY, GOVERNMENTAL AGENCY OR LENDING INSTITUTION LISTED HEREON AND TO THE ASSIGNEES OF THE LENDING INSTITUTION. CERTIFICATIONS ARE NOT TRANSFERABLE TO ADDITIONAL INSTITUTIONS OR SUBSEQUENT OWNERS."

RICHMOND VALLEY ROAD

ARTHUR KILL ROAD

LANDS NOW OR FORMERLY OF SIRR CORP.

P.O.B. LOTS 240, 250, 280

S 86° 30' 20" E 86.23

POWER STREET LINE

S 85° 15' 40" E 100.06

S 86° 08' 00" E

Corporation Council Opinion 41' -60' As In Use 6/27/1990

S 85° 16' 00" E 183.00

P.O.B. 40' WIDE ACCESS EASEMENT 343.28' TO ARTHUR KILL RD.

376.42'

FORMER STREET LINE 234.17'

254.40

S 82° 43' 00" E

Adopted Widening Line

S 82° 17' 10" E 14,191.56'

S 84° 34' 30" E 317.93'

S 77° 44' 59" E 50.25'

366.69

S 77° 45' 00" E 20.32'

148.54'

EXISTING 40' WIDE EASEMENT

15,124 SF (0.35 ACRES)

AREA E-2
NEW TAX LOT 240
81,160 SF 1.86 ACRES

Toll One Story Masonry Building
NEW TAX LOT 250 & 280
225,417 SF 5.17 ACRES
AREA D-2 TAX LOT 250: 203,888 SF
(4.68 ACRES)
TAX LOT 280: 21,529 SF 0.49 ACRES

Masonry Building
Offices, Roller Rink
Basketball Facility
236

1 Story Brick
286

1 Story Masonry
"Sonic"
148 PAGE AVENUE
TAX LOT 280
19,014 SF

168 PAGE AVENUE
TAX LOT 280
21,529 SF
VACANT

PAGE AVENUE
(LORRAINE AVENUE)
Now Instead to the City of New York 2/01/1929

100' ADOPTED 9/11/86

324.71

S 85° 32' 14" E 60.00'

S85°32'14"E 125.44'

S 04° 25' 16" W 86.23'

S 04° 25' 16" W 211.16'

S 04° 25' 16" W 70.07'

S 04° 28' 14" E 137.65'

S 04° 28' 14" E 95.46'

N 85° 31' 11" E 29.32'

S85°31'11"E

N 78° 58' 46" E 30.64'

Concrete Curb 161.67'

N 88° 51' 00" W 243.78'

243.84' +/- Tax Map

487.62'

Tax Lots 240, 250, 280
Area: 306,576 Sq. Ft.
(7.04 Acres)

NAVD 88

THIS IS TO CERTIFY THAT THERE ARE NO STREAMS OR WATERCOURSES ON THE PROPERTY SHOWN ON THIS SURVEY.

CERTIFIED ONLY TO:
Best Equities LLC
Kearny Bank ISAOA/ATIMA
Old Republic National Title Insurance Company
Madison Title Agency, LLC Title # MTANY-117045
TriState Capital Bank, its successors and/or assigns

LEGEND

UTILITY POLE	CONCRETE COLUMN	VENT
GAS VALVE	VAULT	WELL
WATER VALVE	SIGN	WATER METER
HYDRANT	POST	FIRE DEPT.
WATER SHUT OFF	BASIN	GAS METER
CATCH BASIN	CENTERLINE	OIL PUMP
GUY WIRE	FIRE ALARM	STAKE
MAN HOLE	MONUMENT	BOLLARD
MAN HOLE (SANITARY)	OIL FILL	WETLANDS FLAG
MAN HOLE (STORM)	TELEPHONE	
MAN HOLE (TELEPHONE)	GRATE (ROUND)	
MAN HOLE (ELECTRIC)	GRATE (SQUARE)	
MAN HOLE (WATER)	GUY WIRE CONNECTION	
GAS LINE MARKER	JUNCTION BOX	
LIGHT POLE	MAIL BOX	

WATER MAIN
OVERHEAD UTILITY LINES
UNDERGROUND UTILITY LINES
SEWER LINES
GAS MAINS
CURRENT MAJOR CONTOUR
CURRENT MINOR CONTOUR
FORMER MAJOR CONTOUR
FORMER MINOR CONTOUR

TREE LEGEND

ALAN.	PEAR
APPLE	PINE
BEECH	SASSAFRAS
BIRCH	SWEET GUM
CHERRY	SYCAMORE
EVERGREEN	WILLOW
LOCUST	POPLAR
MAPLE	STUMP
MULBERRY	DEC. TREE
OAK	

DATUM NOTE:

COORDINATES AND BEARINGS SHOWN ARE REFERENCED TO THE BOROUGH OF STATEN ISLAND, AS ESTABLISHED BY THE U.S. COAST & GEODETIC SURVEY BOGART SYSTEM.

ELEVATIONS SHOWN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).

LEGAL GRADE SHOWN THUS . . . . . (X.X)
EXISTING GRADES SHOWN THUS . . . . (X.X)
PROPOSED GRADES SHOWN THUS . . . <X.X>
GROUND ELEVATIONS SHOWN THUS . . . X.X

NOTE:

THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME.

NOTE:

SEWERS AS SHOWN ON THIS MAP ARE FROM FIELD LOCATIONS ONLY. NO PLAN OF SEWERS WERE AVAILABLE AT THE BOROUGH OFFICE AT TIME OF SURVEY. THE SEWERS SHOWN HEREON MUST BE VERIFIED BY THE CONTRACTOR/BUILDER BEFORE ANY CONSTRUCTION COMMENCES. ROGERS SURVEYING, PLLC WILL NOT BE RESPONSIBLE FOR ANY ERRORS OR INACCURACIES OF THE SEWER INFORMATION.

GRAPHIC SCALE
30 0 15 30 60 120
(IN FEET)
1 inch = 30 ft.

Map of Survey
Richmond Valley
September 21, 2015
Tax Lots 240, 250, 270, & 280
Tax Block 7971
Filed Map Lots
Filed Map Block
Filed Map
Deed
Borough of Staten Island
County of Richmond
New York, NY

REVISIONS	JOB #	DATE	FB. / PG.	PRINT
Topographic Update	50137	7/28/23	1219/56-58	
FINAL SURVEY UPDATE	49879	3/21/22	PRINT	
REVISED		2/10/20		
NAVD 88 CONVERSION		12/12/17		
TITLE UPDATE LOT 240	42550	2/24/17	PRINT	
TITLE UPDATE LOT 250 & 280	42466	2/2/17	PRINT	
REVISED TAX LOT INFO		2/9/15		

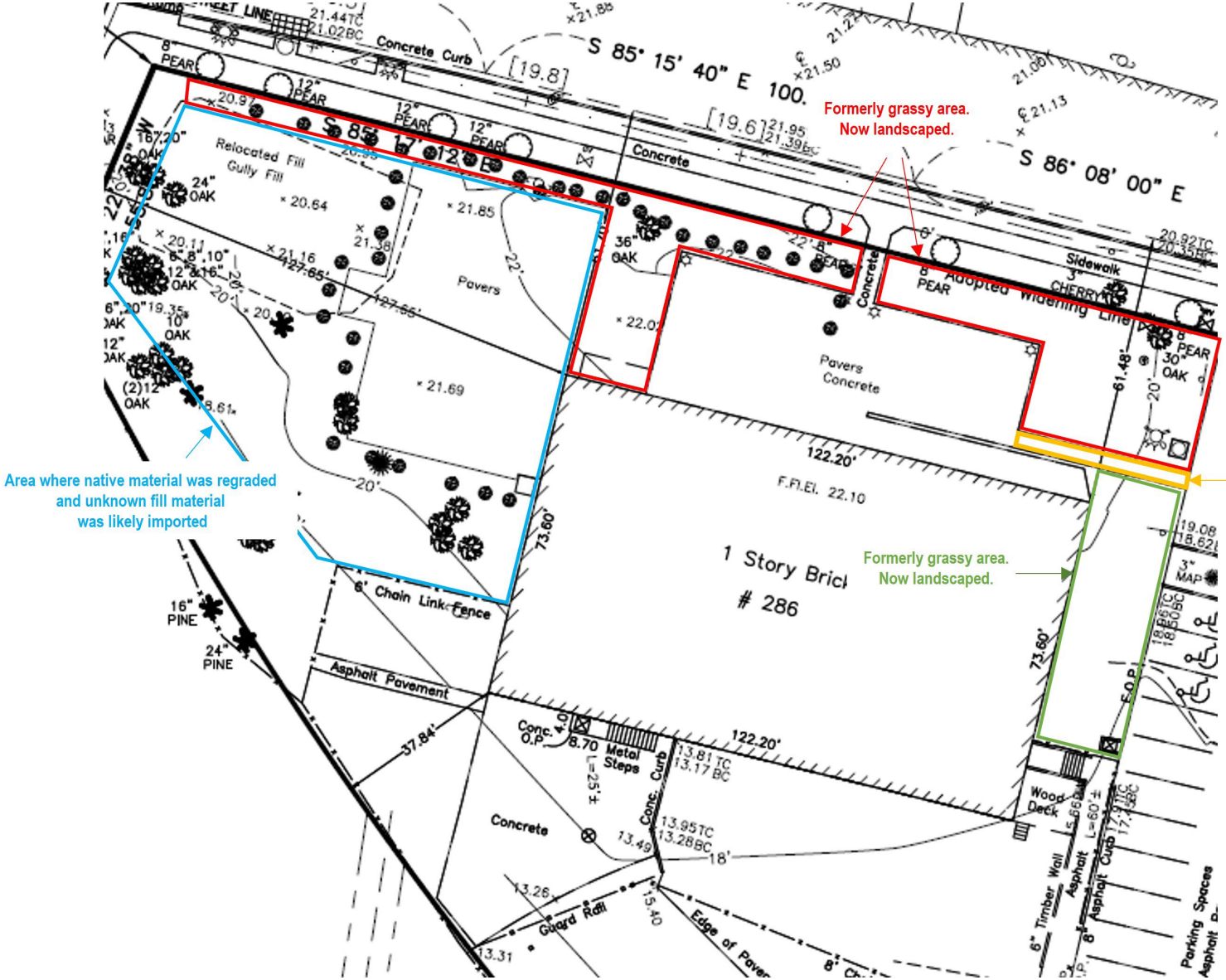
236 & 286 Richmond Valley Road
158, & 168 Page Avenue
Staten Island, New York

Drafted by: PL	ROGERS SURVEYING, PLLC 2420 Arthur Kill Road Staten Island, N.Y. 10309 (718) 447-7311 www.rogerssurveying.net	Date : 9/21/15
Checked by: WS		Scale : 1" = 30'
Dwg. File: 33878-FINAL-NAVD88		Job No. : 33878
Disk No. 268	FINAL SURVEY	F.B./Pg. 934/53

STATE OF NEW YORK
WILLIAM SPICER
No. 050169
LICENSED LAND SURVEYOR

G001.

FIGURES



53 West Hills Road
Huntington Station, NY 11746

PHONE: 631-673-0612
FAX: 631-427-5323

WWW.ASKASR.COM

FIGURE 1.0
ASR INTERPRETATION OF MODIFICATIONS

Nassau Metals OU-2,
286 Richmond Valley Road,
Staten Island, NY.

PROJECT: A22-115

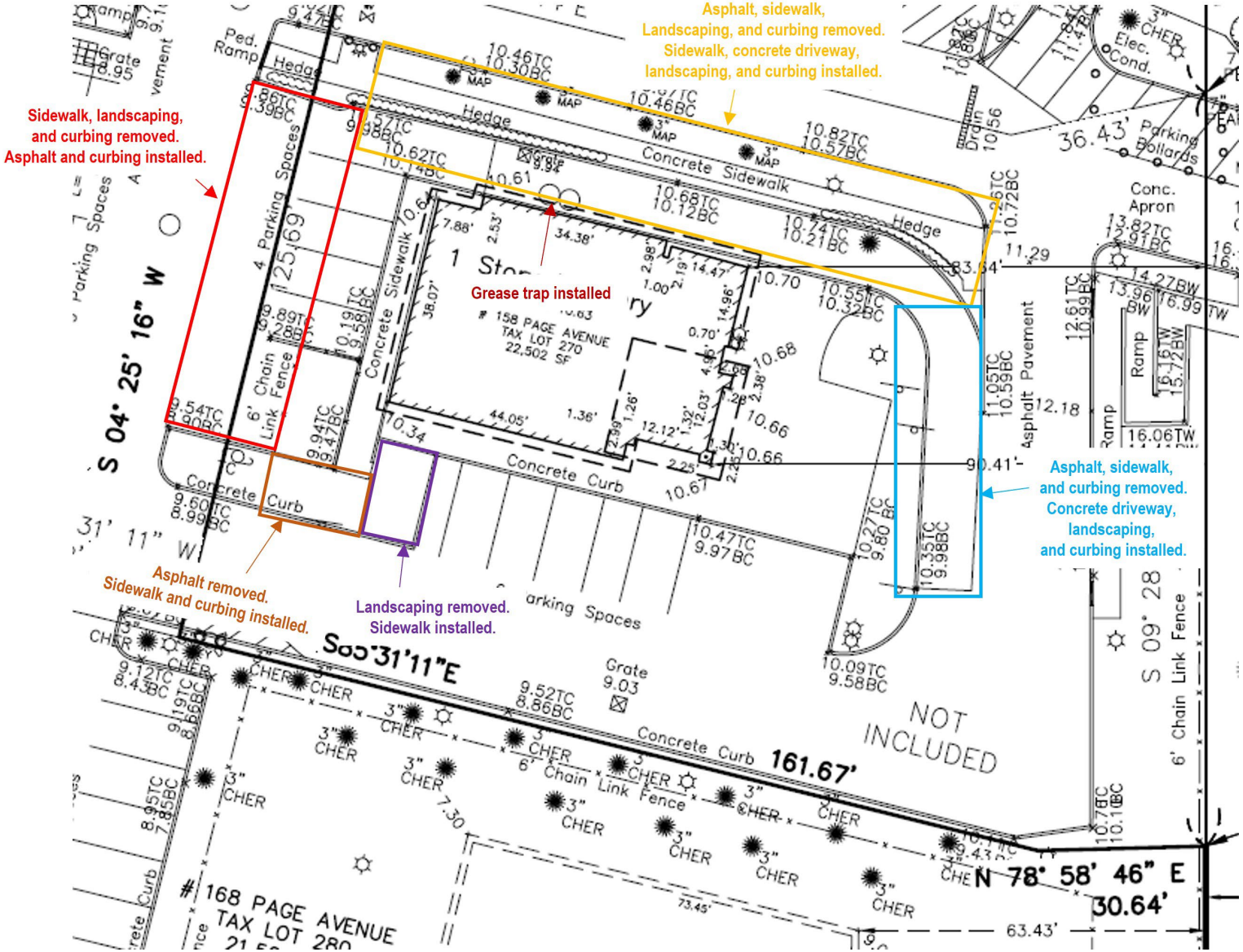
DRAWING DATE: 4/18/24

DRAWN BY: JB

CHECKED BY: SY

REVISIONS: N/A

N
W E
S



ASR

53 West Hills Road
Huntington Station, NY 11746

PHONE: 631-673-0612
FAX: 631-427-5323

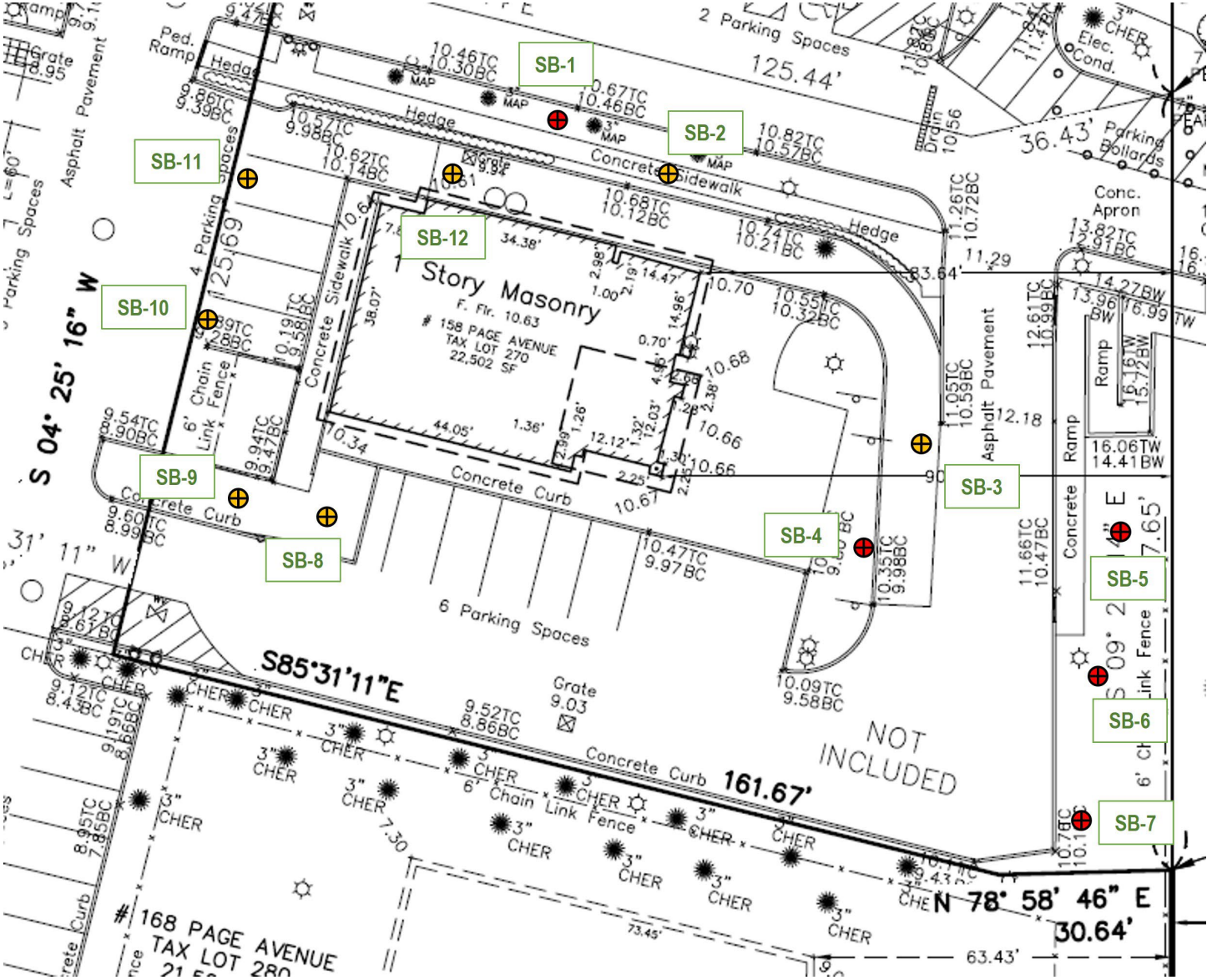
WWW.ASKASR.COM

FIGURE 2.0
ASR INTERPRETATION OF MODIFICATIONS

Nassau Metals OU-2,
158 Page Avenue,
Staten Island, NY.

PROJECT: A22-115
DRAWING DATE: 4/18/24
DRAWN BY: JB
CHECKED BY: SY
REVISIONS: N/A

N
W E
S



ASR

53 West Hills Road
Huntington Station, NY 11746

PHONE: 631-673-0612
FAX: 631-427-5323

WWW.ASKASR.COM

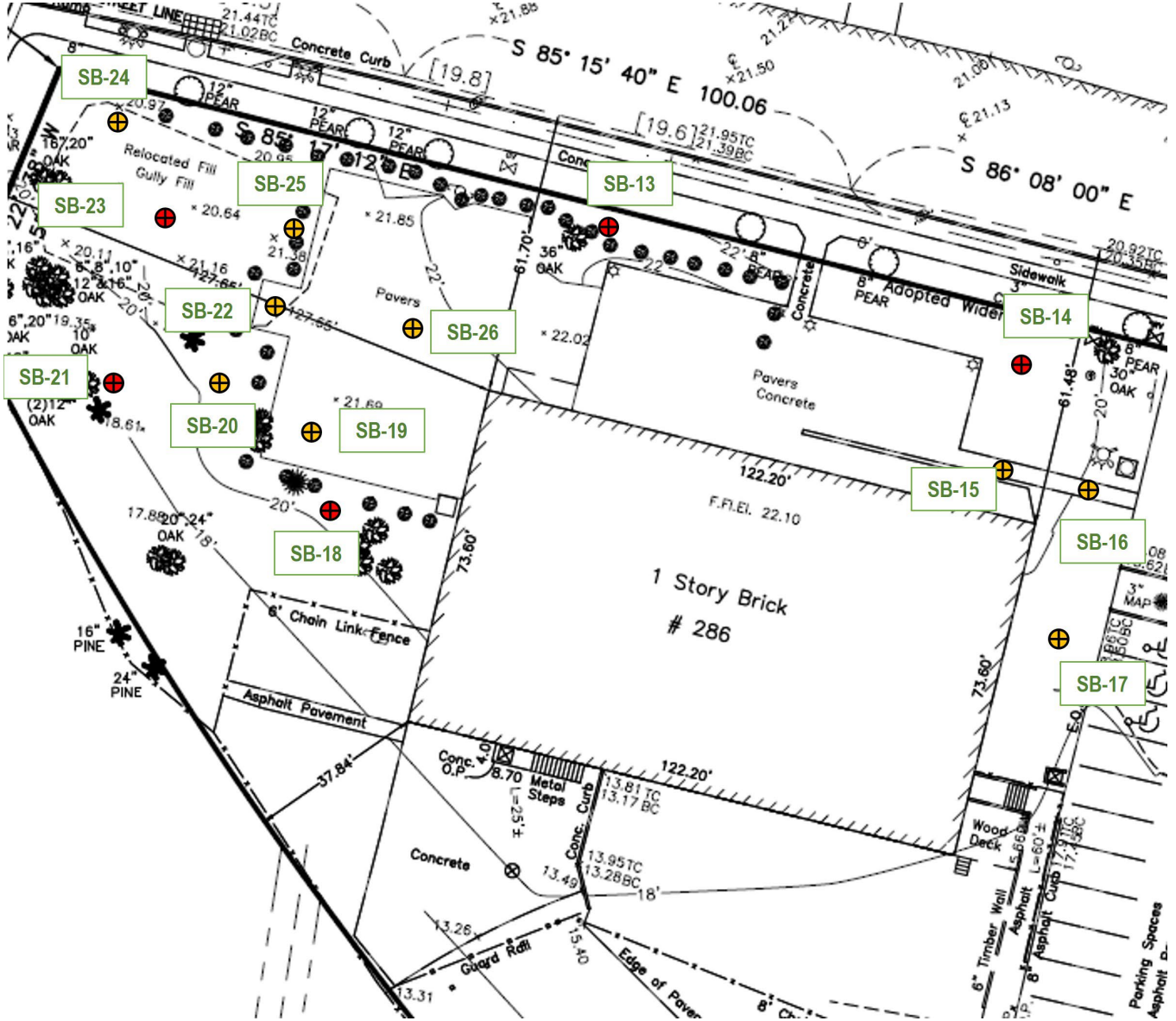
FIGURE 3.0
SITE SKETCH WITH PROPOSED SOIL BORING LOCATIONS

Nassau Metals OU-2,
158 Page Avenue,
Staten Island, NY.

PROJECT: A22-115
DRAWING DATE: 10/13/23
DRAWN BY: JB
CHECKED BY: SY
REVISIONS: N/A

KEY

- Proposed Soil Boring Location
- Proposed Boring and Soil Sample Location



ASR

53 West Hills Road
Huntington Station, NY 11746

PHONE: 631-673-0612
FAX: 631-427-5323

WWW.ASKASR.COM

FIGURE 4.0
SITE SKETCH WITH PROPOSED SOIL BORING LOCATIONS

Nassau Metals OU-2,
286 Richmond Valley Road,
Staten Island, NY.

PROJECT: A22-115
DRAWING DATE: 10/13/23
DRAWN BY: JB
CHECKED BY: SY
REVISIONS: N/A

KEY

- Proposed Soil Boring Location
- Proposed Boring and Soil Sample Location

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation, Region 2
47-40 21st Street, Long Island City, NY 11101
P: (718) 482-4995
www.dec.ny.gov

September 24, 2024 *VIA EMAIL*

Jack Friedman
Best Equities LLC
1165 East 24th Street
Brooklyn, NY 11210
frieg21@gmail.com

Re: Corrective Actions Work Plan
Site Name: Nassau Metals, OU-2
Site Code: V00159

Dear Mr. Friedman:

The New York State Department of Environmental Conservation (NYSDEC) has reviewed the Corrective Actions Work Plan (CAWP) dated August 8, 2024, which was prepared by Advanced Site Restoration (ASR), on behalf of Best Equities LLC (the Participant). The CMWP adequately addresses comments provided by NYSDEC on earlier drafts of the document and is hereby approved. The subsurface investigation included in CAWP must be completed by October 31, 2024, the report must be submitted by October 31, 2024.

The Participant and its contractors are solely responsible for safe execution of all invasive and other work performed under the CAWP. The Participant and its contractors must obtain any local, state, or federal permits or approvals that may be required to perform work under the CAWP. Further, the Participant and its contractors are solely responsible for the identification of utilities that might be affected by work under the CMWP and implementation of all required, appropriate, or necessary health and safety measures during performance of work under the approved CAWP.

If you have any questions, please call me at (718) 482-6405. Please note that the Department requires five days notice prior to the start of field work.

Sincerely,

Hasan Ahmed
Project Manager

ec: J. O'Connell, C. Maycock – NYSDEC
J. Burgher – ASR

APPENDIX B

Daily Reports

DAILY STATUS REPORT
Prepared By: Jamie Burgher

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	< 32		32-50		50-70		70-85	X	>85	

NYSDEC Site Number:	V-001590	Date:	10/21/2024
Project Name:	Nassau Metals OU-2, 236 Richmond Valley Rd, Staten Island, NY		

Consultant:	**Tenant:**
Advanced Site Restoration 53 West Hills Road Huntington Station, NY 11746 631.673.0612	Popeyes Louisiana Kitchen 158 Page Avenue Staten Island, NY 10307

Work Activities Performed:

- CAMP was established upwind and downwind of the work zone and moved throughout the day as work shifted around the Site.
- A total of thirteen (13) soil borings were advanced throughout the 158 Page Avenue portion of the Site.
- SB-5 and SB-6 soil borings were advanced via hand auger due to accessibility issues. The remainder of the soil borings were performed via track mounted GeoProbe drilling rig.
- One (1) more soil boring was performed than initially proposed due to a discrepancy with the proposed SB-8 and SB-9 soil boring locations; SB-8 and SB-9 were intended to be advanced in a concrete sidewalk but were found to be in a landscaped area. As a result, the following deviations occurred: (1) the boring designated SB-X was placed in the concrete sidewalk to the north of SB-8 and SB-9, and (2) the mulch and topsoil from SB-8 and SB-9 locations were incorporated into the composite sample now comprised of material from SB-1, SB-4, SB-8, and SB-9.
- Of all the soil borings performed at 158 Page Avenue, a synthetic demarcation barrier was only observed in one location: SB-6

Samples Collected:
SB-5_ 0”-12”, SB-6_0”-12”, SB-7_ 0”-12”, 158 Page Avenue Mulch Composite, 158 Page Avenue Topsoil Composite, 158 Page Avenue Topsoil Grab (SB-4_2”), and 158 Page Avenue Topsoil Grab (SB-1_6”)

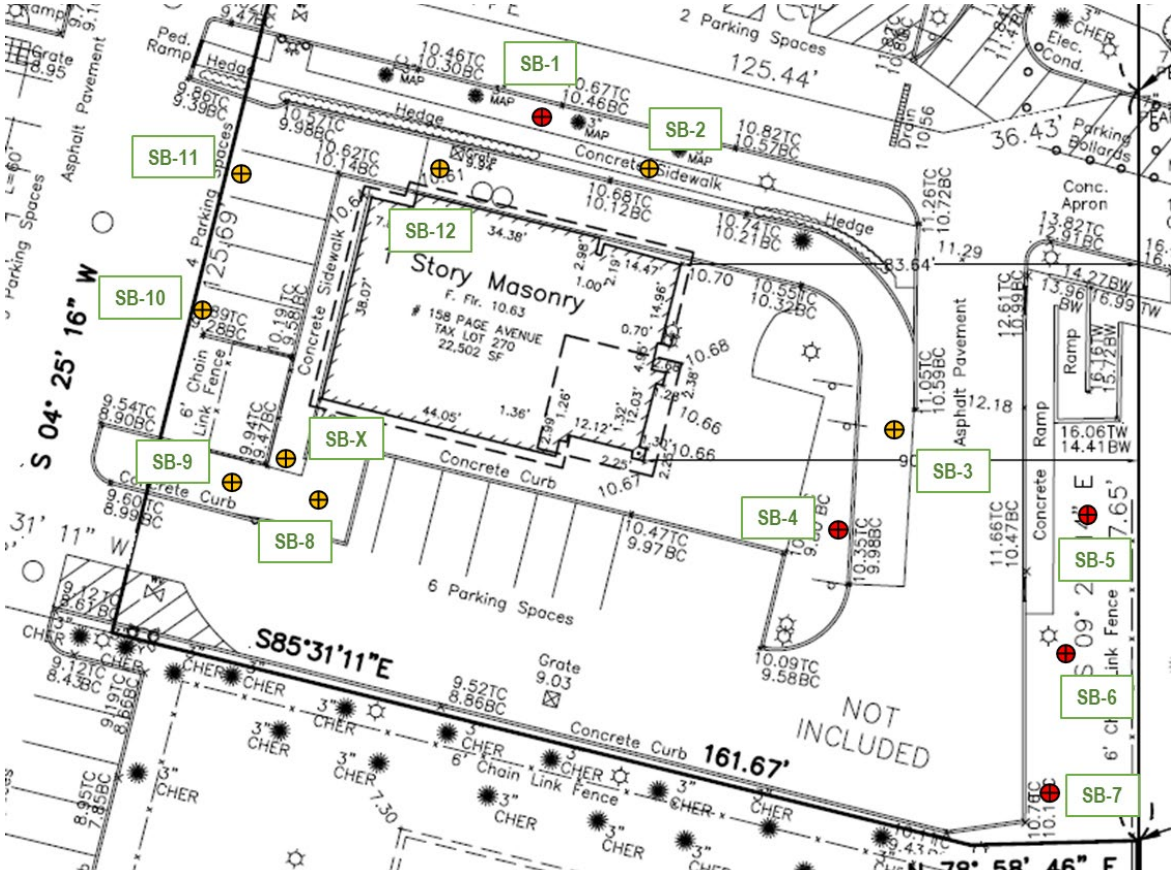
Air Monitoring:
CAMP was performed for the duration of this project and consisted of two (2) units with dedicated dust monitors and PIDs placed upwind and downwind of the work zone. Telemetry units were malfunctioning, so CAMP audible alerts were relied upon for notification of exceedances, and data was periodically recorded at approximately 15 minute intervals.

No exceedances of the CAMP limits occurred, and no odors or fugitive dust was observed.

Problems Encountered:
SB-8 and SB-9 were advanced in a landscaped area instead of a concrete sidewalk, as described above. CAMP telemetry was malfunctioning and data was recorded by hand.

53 WEST HILLS ROAD, SUITE 1, HUNTINGTON STATION, NEW YORK 11746
TELEPHONE: (631) 673-0612 FAX: (631) 427-5323
WWW.LAURELENV.COM

Site Sketch



53 WEST HILLS ROAD, SUITE 1, HUNTINGTON STATION, NEW YORK 11746
TELEPHONE: (631) 673-0612 FAX: (631) 427-5323
WWW.LAURELENV.COM

CAMP Readings

Time	Upwind Dust (ug/m3)	Upwind VOCs (PPM)	Downwind Dust (ug/m3)	Downwind VOCs (PPM)	Visible Dust	Odors
9:15	0.041	0	0.055	0	No	No
9:30	0.044	0	0.045	0	No	No
9:45	0.034	0	0.033	0	No	No
10:00	0.039	0	0.031	0	No	No
10:15	0.039	0	0.032	0	No	No
10:30	0.023	0	0.018	0	No	No
10:45	0.028	0	0.034	0	No	No
11:00	0.019	0	0.013	0	No	No
11:15	0.034	0	0.033	0	No	No
11:30	0.032	0	0.027	0	No	No
11:45	0.023	0	0.025	0	No	No
12:00	0.026	0	0.016	0	No	No
12:15	0.031	0	0.024	0	No	No
12:30	0.023	0	0.017	0	No	No
12:45	0.024	0	0.012	0	No	No
13:00	0.042	0	0.045	0	No	No
13:15	0.024	0	0.036	0	No	No
13:30	0.031	0	0.026	0	No	No
13:45	0.032	0	0.045	0	No	No

53 WEST HILLS ROAD, SUITE 1, HUNTINGTON STATION, NEW YORK 11746
TELEPHONE: (631) 673-0612 FAX: (631) 427-5323
WWW.LAURELENV.COM

PHOTO DOCUMENTATION



View of GeoProbe drilling rig utilized at 158 Page Avenue.



View of SB-8 boring location in landscaped area.

53 WEST HILLS ROAD, SUITE 1, HUNTINGTON STATION, NEW YORK 11746
TELEPHONE: (631) 673-0612 FAX: (631) 427-5323
WWW.LAURELENV.COM



View of SB-X boring location in concrete sidewalk.

53 WEST HILLS ROAD, SUITE 1, HUNTINGTON STATION, NEW YORK 11746
TELEPHONE: (631) 673-0612 FAX: (631) 427-5323
WWW.LAURELENV.COM

DAILY STATUS REPORT
Prepared By: Jamie Burgher

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	< 32		32-50		50-70		70-85	X	>85	

NYSDEC Site Number:	V-001590	Date:	10/22/2024
Project Name:	Nassau Metals OU-2, 236 Richmond Valley Rd, Staten Island, NY		

Consultant:	**Tenant:**
Advanced Site Restoration 53 West Hills Road Huntington Station, NY 11746 631.673.0612	286 South Restaurant 286 Richmond Valley Road Staten Island, NY 10307

Work Activities Performed:

- CAMP was established upwind and downwind of the work zone and moved throughout the day as work shifted around the Site.
- A total of fourteen (14) soil borings were advanced throughout the 286 Richmond Valley Road portion of the Site.
- SB-25 was advanced via slam hammer due to accessibility issues. The remainder of the soil borings were performed via track mounted GeoProbe drilling rig.
- Two (2) additional samples were collected for laboratory analysis beyond those initially proposed due to identified layers of contamination: (1) a coarse black fill material with odor was noted in SB-15 and SB-16 at approximately 3 feet below ground surface, and (2) apparent imported fill material consisting of sandy soil with intermixed bricks, concrete, and other debris was noted in the patio area (i.e., SB-19, SB-20, SB-22, SB-26, and SB-25).
- Of all the soil borings performed at 286 Richmond Valley Road, a synthetic demarcation barrier was only observed in one location: SB-22

Samples Collected:
Richmond Composite Top Soil, Richmond Composite Mulch, Richmond Grab Soil (SB-14_4"_Top Soil), Richmond Grab Mulch (SB-17_2"_Mulch), SB-18_4"-5.5', SB-21_6"-5.5', SB-23_4"-6', SB-19_2"-16", SB-15_3'

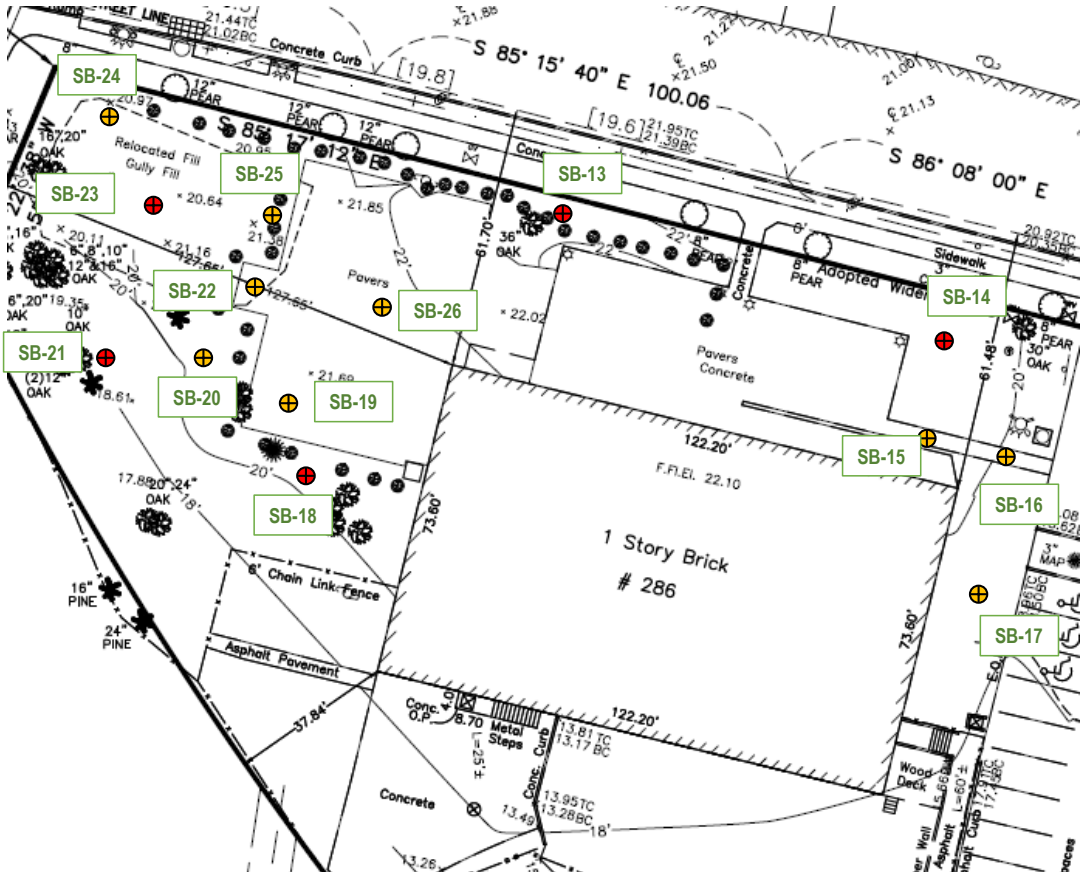
Air Monitoring:
CAMP was performed for the duration of this project and consisted of two (2) units with dedicated dust monitors and PIDs placed upwind and downwind of the work zone. Telemetry units were malfunctioning, so CAMP audible alerts were relied upon for notification of exceedances, and data was periodically recorded at approximately 15 minute intervals.

No exceedances of the CAMP limits occurred, and no odors or fugitive dust was observed.

Problems Encountered:
CAMP telemetry was malfunctioning and data was recorded by hand.

53 WEST HILLS ROAD, SUITE 1, HUNTINGTON STATION, NEW YORK 11746
TELEPHONE: (631) 673-0612 FAX: (631) 427-5323
WWW.LAURELENV.COM

Site Sketch



53 WEST HILLS ROAD, SUITE 1, HUNTINGTON STATION, NEW YORK 11746
TELEPHONE: (631) 673-0612 FAX: (631) 427-5323
WWW.LAURELENV.COM

CAMP Readings

Time	Upwind Dust (ug/m3)	Upwind VOCs (PPM)	Downwind Dust (ug/m3)	Downwind VOCs (PPM)	Visible Dust	Odors
08:45	0.073	0	0.076	0	No	No
09:00	0.080	0	0.062	0	No	No
09:15	0.060	0	0.062	0	No	No
09:30	0.055	0	0.052	0	No	No
09:45	0.095	0	0.059	0	No	No
10:00	0.060	0	0.062	0	No	No
10:15	0.064	0	0.065	0	No	No
10:30	0.050	0	0.057	0	No	No
10:45	0.052	0	0.053	0	No	No
11:00	0.037	0	0.059	0	No	No
11:15	0.035	0.5	0.039	0	No	No
11:30	0.039	1.1	0.037	0	No	No
11:45	0.048	1.1	0.065	0	No	No
12:00	0.025	0	0.028	0	No	No
12:15	0.041	0	0.040	0	No	No
12:30	0.025	0	0.023	0	No	No
12:45	0.026	0	0.025	0	No	No

53 WEST HILLS ROAD, SUITE 1, HUNTINGTON STATION, NEW YORK 11746
TELEPHONE: (631) 673-0612 FAX: (631) 427-5323
WWW.LAURELENV.COM

PHOTO DOCUMENTATION



View of GeoProbe drilling rig utilized at 286 Richmond Valley Road.



View of SB-17 boring location in landscaped area.

53 WEST HILLS ROAD, SUITE 1, HUNTINGTON STATION, NEW YORK 11746
TELEPHONE: (631) 673-0612 FAX: (631) 427-5323
WWW.LAURELENV.COM



View of the soils retrieved from SB-17.



View of SB-18 boring location behind patio area.

53 WEST HILLS ROAD, SUITE 1, HUNTINGTON STATION, NEW YORK 11746
TELEPHONE: (631) 673-0612 FAX: (631) 427-5323
WWW.LAURELENV.COM

DAILY STATUS REPORT
Prepared By: Connor Grosso

WEATHER	Snow		Rain		Overcast	X	Partly Cloudy		Bright Sun	
TEMP.	< 32		32-50		50-70		70-85		>85	X

NYSDEC Site Number:	V-001590	Date:	07/07/2025
Project Name:	Nassau Metals OU-2, 236 Richmond Valley Rd, Staten Island, NY		

Consultant: Advanced Site Restoration 53 West Hills Road Huntington Station, NY 11746 631.673.0612	**Tenant:** Popeyes 158 Page Avenue Staten Island, NY 10309

Work Activities Performed:

- CAMP was established upwind and downwind of the work zone.
- In the landscaped areas, six (6) delineation borings, DB-1 through DB-6, were advanced to 1-foot bgs using a hand auger. See site sketch for the boring locations.
- The subsurface soil was field screened with a photoionization detector (PID) and no volatile organic compounds (VOCs) were detected. A representative grab sample was collected from each of the soil borings, designated DB-1 through DB-6. One (1) blind duplicate sample (Dup) was collected from the DB-3 sample location.
- On the hill area, thirty (30) test pits were dug using hand tools to a depth of 2.5-feet bgs or until the demarcation barrier or GCL layer was encountered. See site sketch for the test pit locations.
- Damaged sections of the demarcation barrier were observed in four (4) test pits, and the intact GCL layer was observed in one (1) test pit.

Samples Collected:
DB-1, DB-2, DB-3, DB-4, DB-5, DB-6, Dup, Trip Blank, Equipment Blank

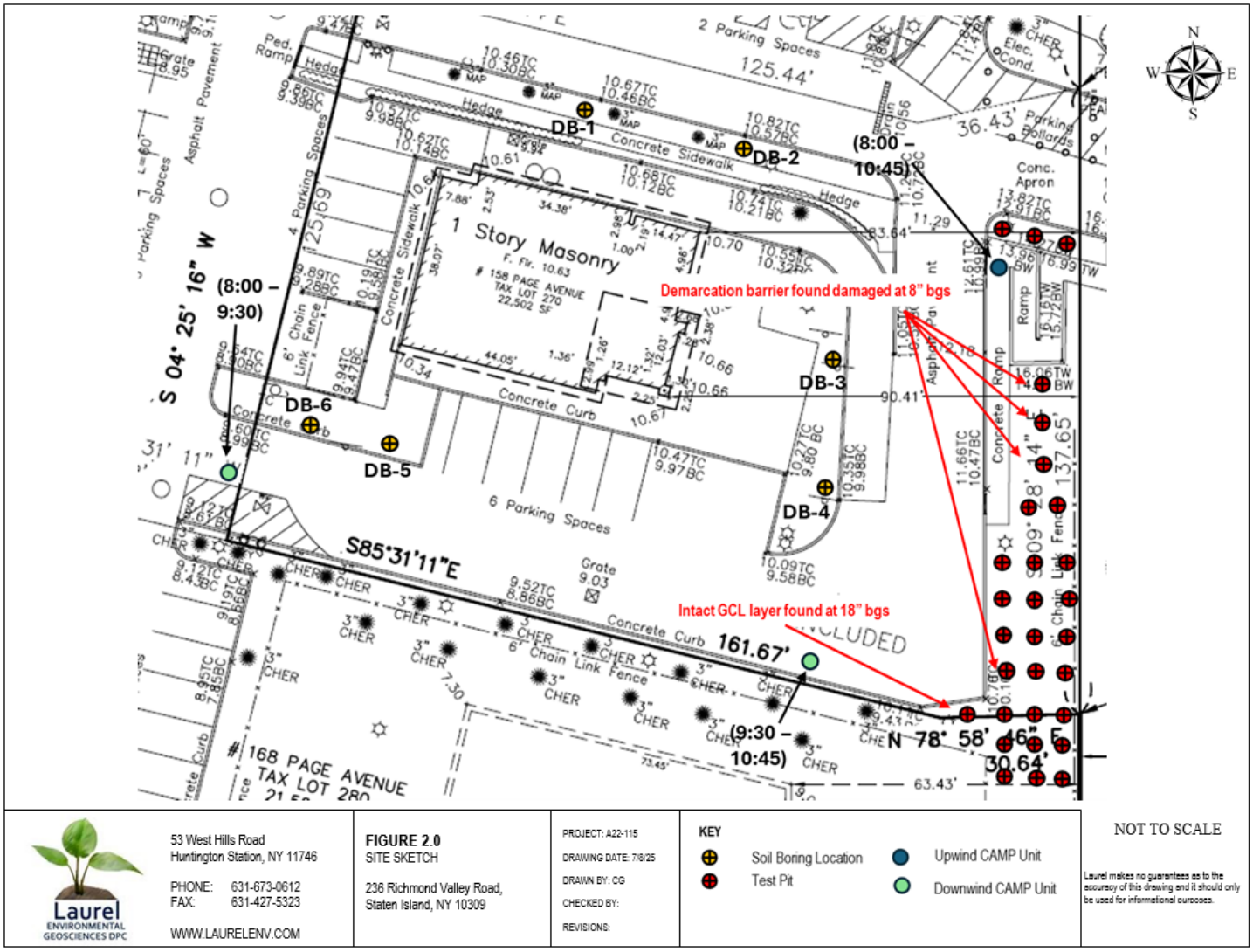
Air Monitoring:
CAMP was performed for the duration of this project and consisted of two (2) units with dedicated dust monitors and PIDs placed upwind and downwind of the work zone with audible alarms. CAMP was established at 8:00 am and ended at the completion of work (10:45am). See attached table for data and attached site sketch for CAMP station location.

No exceedances of the CAMP limits occurred, and no odors or fugitive dust was observed.

Problems Encountered:
None.

53 WEST HILLS ROAD, SUITE 1, HUNTINGTON STATION, NEW YORK 11746
TELEPHONE: (631) 673-0612 FAX: (631) 427-5323
WWW.LAURELENV.COM

Site Sketch



53 West Hills Road
Huntington Station, NY 11746

PHONE: 631-673-0612
FAX: 631-427-5323

WWW.LAURELENV.COM

FIGURE 2.0
SITE SKETCH

236 Richmond Valley Road,
Staten Island, NY 10309

PROJECT: A22-115
DRAWING DATE: 7/8/25
DRAWN BY: CG
CHECKED BY:
REVISIONS:

KEY
- Soil Boring Location
- Test Pit
- Upwind CAMP Unit
- Downwind CAMP Unit

NOT TO SCALE

Laurel makes no guarantees as to the accuracy of this drawing and it should only be used for informational purposes.

53 WEST HILLS ROAD, SUITE 1, HUNTINGTON STATION, NEW YORK 11746
TELEPHONE: (631) 673-0612 FAX: (631) 427-5323
WWW.LAURELENV.COM

CAMP Readings

Time	Upwind PID	Downwind PID	Upwind Dust	Downwind Dust
8:00	0.0	0.0	0.026	0.024
8:15	0.0	0.0	0.024	0.021
8:30	0.0	0.0	0.021	0.020
8:45	0.0	0.0	0.021	0.022
9:00	0.0	0.0	0.022	0.021
9:15	0.0	0.0	0.018	0.017
9:30	0.0	0.0	0.018	0.021
9:45	0.0	0.0	0.022	0.021
10:00	0.0	0.0	0.023	0.019
10:15	0.0	0.0	0.020	0.022
10:30	0.0	0.0	0.018	0.019
10:45	0.0	0.0	0.019	0.018

Notes: PID readings in parts per million (ppm). Dust readings in micrograms per cubic centimeter ($\mu g/cm^3$)

53 WEST HILLS ROAD, SUITE 1, HUNTINGTON STATION, NEW YORK 11746
TELEPHONE: (631) 673-0612 FAX: (631) 427-5323
WWW.LAURELENV.COM

PHOTO DOCUMENTATION



View of a typical CAMP station monitoring for VOCs and dust



View of the DB-1 soil sampling location and soil prepared for sampling

53 WEST HILLS ROAD, SUITE 1, HUNTINGTON STATION, NEW YORK 11746
TELEPHONE: (631) 673-0612 FAX: (631) 427-5323
WWW.LAURELENV.COM



View of the DB-2 soil sampling location and soil prepared for sampling



View of the DB-3 soil sampling location and soil prepared for sampling

53 WEST HILLS ROAD, SUITE 1, HUNTINGTON STATION, NEW YORK 11746
TELEPHONE: (631) 673-0612 FAX: (631) 427-5323
WWW.LAURELENV.COM



View of the DB-4 soil sampling location and soil being sampled



View of the DB-5 soil sampling location

53 WEST HILLS ROAD, SUITE 1, HUNTINGTON STATION, NEW YORK 11746
TELEPHONE: (631) 673-0612 FAX: (631) 427-5323
WWW.LAURELENV.COM



View of the DB-6 soil sampling location and soil prepared for sampling



View of the hill area where test pits were performed

53 WEST HILLS ROAD, SUITE 1, HUNTINGTON STATION, NEW YORK 11746
TELEPHONE: (631) 673-0612 FAX: (631) 427-5323
WWW.LAURELENV.COM



View of typical damaged demarcation barrier encountered at approximately 8 inches bgs



View of test pit location where the GCL was encountered

53 WEST HILLS ROAD, SUITE 1, HUNTINGTON STATION, NEW YORK 11746
TELEPHONE: (631) 673-0612 FAX: (631) 427-5323
WWW.LAURELENV.COM



View inside of the test pit with GCL encountered at approximately 18 inches bgs

53 WEST HILLS ROAD, SUITE 1, HUNTINGTON STATION, NEW YORK 11746
TELEPHONE: (631) 673-0612 FAX: (631) 427-5323
WWW.LAURELENV.COM

DAILY STATUS REPORT
Prepared By: Jamie Burgher

WEATHER	Snow		Rain		Overcast	X	Partly Cloudy		Bright Sun	
TEMP.	< 32		32-50		50-70		70-85		>85	X

NYSDEC Site Number:	V-001590	Date:	07/11/2025
Project Name:	Nassau Metals OU-2, 236 Richmond Valley Rd, Staten Island, NY		

Consultant: Advanced Site Restoration 53 West Hills Road Huntington Station, NY 11746	**Tenant:** Popeyes 158 Page Avenue Staten Island, NY 10309
Contractor: Mammoth Construction, Inc. 166 Industrial Loop Staten Island, NY 10309	**Site Safety Officer:** Arthur McCarthy Mammoth Construction, Inc.

Work Activities Performed:

- CAMP was established upwind and downwind of the work zone.
- On the hill area, Mammoth utilized an excavator to prepare the area for installation of the retaining wall.
- Rebar was installed into the existing curb, and wooden forms were installed above and around the existing curb for construction of the retaining wall.
- A footer was installed alongside the pedestrian ramp to a depth of 7 inches below existing grade, and a form was installed alongside the ramp for construction of the retaining wall.
- Concrete was delivered to the site via pump truck for construction of the retaining wall.
- Replacement GCL was delivered to the site installation.
- Damaged sections of the demarcation barrier were observed in four (4) test pits, and the intact GCL layer was observed in one (1) test pit.

Samples Collected:
None.

Air Monitoring:
CAMP was performed for the duration of this project and consisted of two (2) units with dedicated dust monitors and PIDs placed upwind and downwind of the work zone with audible alarms. CAMP was established at 7:15 am and ended at the completion of work (3:00pm). See attached table for data and attached site sketch for CAMP station location.

No exceedances of the CAMP limits occurred, and no odors or fugitive dust was observed.

Problems Encountered:
One (1) truck with soil from South Shore Recycling was mistakenly ordered to the site. The truck was turned away.

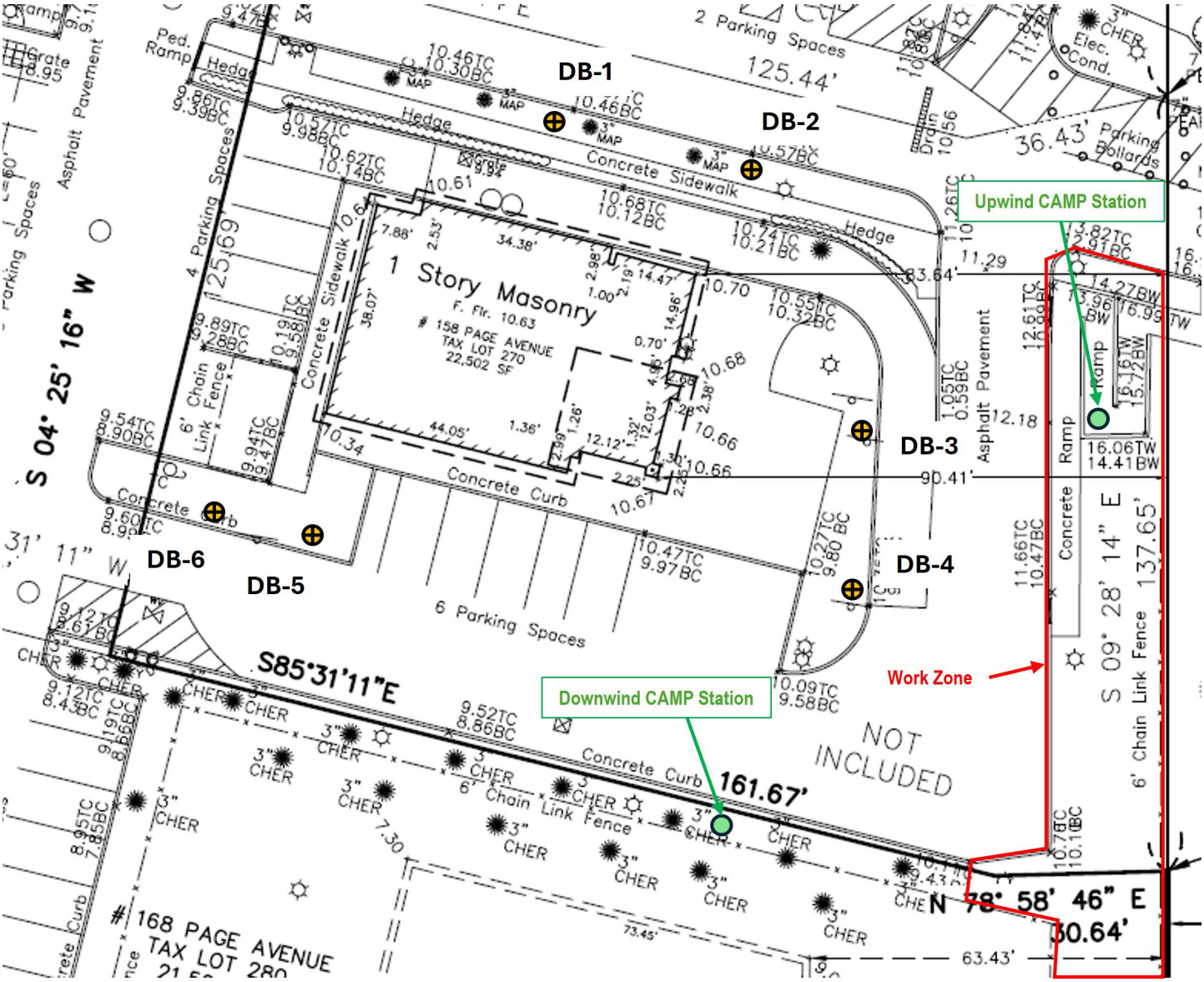
53 WEST HILLS ROAD, SUITE 1, HUNTINGTON STATION, NEW YORK 11746
TELEPHONE: (631) 673-0612 FAX: (631) 427-5323
WWW.LAURELENV.COM

Sample Results Received:
Preliminary sample results (metals) were received from the delineation soil borings performed on July 7, 2025. The preliminary results showed exceedances of NYSDEC Part 375 Commercial SCOs in the following sample locations: DB-1 (Copper: 1,100 mg/kg), DB-2 (Copper: 728 mg/kg), DB-3 (Copper: 527 mg/kg), and DB-5 (Copper: 598 mg/kg). Preliminary results from DB-6 also showed potentially elevated total Chromium (70.6 mg/kg), but speciation results have not yet been received (i.e., Trivalent or Hexavalent). The preliminary results did not show any heavy metal exceedances in DB-4. Based on these preliminary results, excavation and restoration of the landscaped areas will need to be performed as part of the corrective actions. See attached site sketch for sampling locations and attached draft laboratory data package.

Plan for Next Day:
GCL installation work is to be performed on the hill area, and preparations will be made for future excavation of the landscaped area.

53 WEST HILLS ROAD, SUITE 1, HUNTINGTON STATION, NEW YORK 11746
TELEPHONE: (631) 673-0612 FAX: (631) 427-5323
WWW.LAURELENV.COM

Site Sketch



53 WEST HILLS ROAD, SUITE 1, HUNTINGTON STATION, NEW YORK 11746
TELEPHONE: (631) 673-0612 FAX: (631) 427-5323
WWW.LAURELENV.COM

CAMP Readings

Time	Upwind PID	Downwind PID	Upwind Dust	Downwind Dust
7:15	0.0	0.0	0.029	0.028
7:30	0.0	0.0	0.015	0.025
7:45	0.0	0.0	0.019	0.013
8:00	0.0	0.0	0.027	0.018
8:15	0.0	0.0	0.023	0.022
8:30	0.0	0.0	0.022	0.020
8:45	0.0	0.0	0.018	0.019
9:00	0.0	0.0	0.021	0.014
9:15	0.0	0.0	0.018	0.015
9:30	0.0	0.0	0.016	0.013
9:45	0.0	0.0	0.012	0.028
10:00	0.0	0.0	0.014	0.007
10:15	0.0	0.0	0.015	0.007
10:30	0.0	0.0	0.022	0.005
10:45	0.0	0.0	0.018	0.007
11:00	0.0	0.0	0.017	0.009
11:15	0.0	0.0	0.021	0.010
11:30	0.0	0.0	0.021	0.013
11:45	0.0	0.0	0.019	0.011
12:00	0.0	0.0	0.027	0.024
12:15	0.0	0.0	0.023	0.026
12:30	0.0	0.0	0.025	0.016
12:45	0.0	0.0	0.026	0.023
13:00	0.0	0.0	0.025	0.014
13:15	0.0	0.0	0.021	0.011
13:30	0.0	0.0	0.021	0.010
13:45	0.0	0.0	0.024	0.009
14:00	0.0	0.0	0.022	0.014
14:15	0.0	0.0	0.026	0.014
14:30	0.0	0.0	0.024	0.009
14:45	0.0	0.0	0.054	0.013
15:00	0.0	0.0	0.025	0.009

Notes: PID readings in parts per million (ppm). Dust readings in micrograms per cubic centimeter ($\mu g/cm^3$)

53 WEST HILLS ROAD, SUITE 1, HUNTINGTON STATION, NEW YORK 11746
TELEPHONE: (631) 673-0612 FAX: (631) 427-5323
WWW.LAURELENV.COM

PHOTO DOCUMENTATION



View of a typical CAMP station monitoring for VOCs and dust



View of the work zone at the beginning of the day

53 WEST HILLS ROAD, SUITE 1, HUNTINGTON STATION, NEW YORK 11746
TELEPHONE: (631) 673-0612 FAX: (631) 427-5323
WWW.LAURELENV.COM



View of wooden forms being installed above and around the existing curb



View of the wooden forms being installed along the pedestrian ramp

53 WEST HILLS ROAD, SUITE 1, HUNTINGTON STATION, NEW YORK 11746
TELEPHONE: (631) 673-0612 FAX: (631) 427-5323
WWW.LAURELENV.COM



View of the pump truck delivering concrete into the retaining wall forms



View of the GCL delivered to the site

53 WEST HILLS ROAD, SUITE 1, HUNTINGTON STATION, NEW YORK 11746
TELEPHONE: (631) 673-0612 FAX: (631) 427-5323
WWW.LAURELENV.COM

DRAFT

Technical Report

prepared for:

Laurel Environmental Geosciences, D.P.C.
53 W Hills Road, Suite 1
Huntington Station NY, 11746
Attention: Scott Yanuck

Report Date: 07/11/2025
Client Project ID: 236 Richmond Valley Road, Staten Island A22-115.8 JB
York Project (SDG) No.: 25G0474

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

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

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 07/11/2025
Client Project ID: 236 Richmond Valley Road, Staten Island A22-115.8 JB
York Project (SDG) No.: 25G0474

Laurel Environmental Geosciences, D.P.C.
53 W Hills Road, Suite 1
Huntington Station NY, 11746
Attention: Scott Yanuck

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on July 08, 2025 and listed below. The project was identified as your project: **236 Richmond Valley Road, Staten Island A22-115.8 JB**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
25G0474-01	DB-1	Soil	07/07/2025	07/08/2025
25G0474-02	DB-2	Soil	07/07/2025	07/08/2025
25G0474-03	DB-3	Soil	07/07/2025	07/08/2025
25G0474-04	DB-4	Soil	07/07/2025	07/08/2025
25G0474-05	DB-5	Soil	07/07/2025	07/08/2025
25G0474-06	DB-6	Soil	07/07/2025	07/08/2025
25G0474-07	DUP	Soil	07/07/2025	07/08/2025

General Notes for York Project (SDG) No.: 25G0474

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

Approved By: 

Cassie L. Mosher
Laboratory Manager

DRAFT

Date: 07/11/2025

Sample Information

Client Sample ID: DB-1 **York Sample ID:** 25G0474-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0474	236 Richmond Valley Road, Staten Island A22-115.8 JB	Soil	July 7, 2025 9:20 am	07/08/2025

Analyzed by: York Analytical Laboratories, Inc.

Metals, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**5.11**		mg/kg dry	1.36	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**89.6**		mg/kg dry	2.26	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	**Beryllium**	**0.521**		mg/kg dry	0.046	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-43-9	**Cadmium**	**0.688**		mg/kg dry	0.272	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	**Chromium**	**22.9**		mg/kg dry	0.453	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**1100**		mg/kg dry	1.81	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**334**		mg/kg dry	0.453	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**241**		mg/kg dry	0.453	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**37.0**		mg/kg dry	0.902	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	2.26	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.456	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**1600**		mg/kg dry	2.25	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.245**		mg/kg dry	0.0326	1	EPA 7473	07/09/2025 09:28	07/11/2025 09:02	DBT
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**92.0**		%	0.100	1	SM 2540G	07/09/2025 07:15	07/09/2025 09:29	BF
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: DB-1 **York Sample ID:** 25G0474-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0474	236 Richmond Valley Road, Staten Island A22-115.8 JB	Soil	July 7, 2025 9:20 am	07/08/2025

Sample Information

Client Sample ID: DB-2 **York Sample ID:** 25G0474-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0474	236 Richmond Valley Road, Staten Island A22-115.8 JB	Soil	July 7, 2025 9:10 am	07/08/2025

Analyzed by: York Analytical Laboratories, Inc.

Metals, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**5.60**		mg/kg dry	1.45	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**71.2**		mg/kg dry	2.42	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	**Beryllium**	**0.457**		mg/kg dry	0.049	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-43-9	**Cadmium**	**0.698**		mg/kg dry	0.291	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	**Chromium**	**23.1**		mg/kg dry	0.485	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**728**		mg/kg dry	1.94	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**303**		mg/kg dry	0.485	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**217**		mg/kg dry	0.485	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**33.6**		mg/kg dry	0.966	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	2.42	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.489	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**441**		mg/kg dry	2.41	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.195**		mg/kg dry	0.0349	1	EPA 7473	07/09/2025 09:28	07/11/2025 09:02	DBT
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04		

Sample Information

Client Sample ID: DB-2 **York Sample ID:** 25G0474-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0474	236 Richmond Valley Road, Staten Island A22-115.8 JB	Soil	July 7, 2025 9:10 am	07/08/2025

Analyzed by: York Analytical Laboratories, Inc.

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**86.0**		%	0.100	1	SM 2540G	07/09/2025 07:15	07/09/2025 09:29	BF
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: DB-3 **York Sample ID:** 25G0474-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0474	236 Richmond Valley Road, Staten Island A22-115.8 JB	Soil	July 7, 2025 9:05 am	07/08/2025

Analyzed by: York Analytical Laboratories, Inc.

Metals, NYSDEC Part 375 **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**8.13**		mg/kg dry	1.49	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:58	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			
7440-39-3	**Barium**	**82.6**		mg/kg dry	2.49	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:58	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			
7440-41-7	**Beryllium**	**0.619**		mg/kg dry	0.050	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:58	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			
7440-43-9	**Cadmium**	**0.767**		mg/kg dry	0.299	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:58	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			
7440-47-3	**Chromium**	**26.2**		mg/kg dry	0.499	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:58	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			
7440-50-8	**Copper**	**527**		mg/kg dry	1.99	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:58	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			
7439-92-1	**Lead**	**323**		mg/kg dry	0.499	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:58	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			
7439-96-5	**Manganese**	**238**		mg/kg dry	0.499	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:58	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			
7440-02-0	**Nickel**	**24.0**		mg/kg dry	0.993	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:58	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			
7782-49-2	Selenium	ND		mg/kg dry	2.49	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:58	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			
7440-22-4	Silver	ND		mg/kg dry	0.502	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:58	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			

Sample Information

Client Sample ID: DB-3 **York Sample ID:** 25G0474-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0474	236 Richmond Valley Road, Staten Island A22-115.8 JB	Soil	July 7, 2025 9:05 am	07/08/2025

Analyzed by: York Analytical Laboratories, Inc.

Metals, NYSDEC Part 375

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
7440-66-6	**Zinc**	**570**		mg/kg dry	2.48	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.193**		mg/kg dry	0.0359	1	EPA 7473	07/09/2025 09:28	07/11/2025 09:02	DBT
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04		

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	07/09/2025 07:15	07/09/2025 09:29	BF
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: DB-4 **York Sample ID:** 25G0474-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0474	236 Richmond Valley Road, Staten Island A22-115.8 JB	Soil	July 7, 2025 8:55 am	07/08/2025

Analyzed by: York Analytical Laboratories, Inc.

Metals, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**4.99**		mg/kg dry	2.38	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**59.8**		mg/kg dry	3.95	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	**Beryllium**	**0.090**		mg/kg dry	0.080	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-43-9	**Cadmium**	**0.586**		mg/kg dry	0.475	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: DB-4 **York Sample ID:** 25G0474-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0474	236 Richmond Valley Road, Staten Island A22-115.8 JB	Soil	July 7, 2025 8:55 am	07/08/2025

Analyzed by: York Analytical Laboratories, Inc.

Metals, NYSDEC Part 375

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
7440-47-3	**Chromium**	**17.0**		mg/kg dry	0.792	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**175**		mg/kg dry	3.17	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**63.6**		mg/kg dry	0.792	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**202**		mg/kg dry	0.792	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**10.7**		mg/kg dry	1.58	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	3.96	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.798	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**221**		mg/kg dry	3.94	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0846**		mg/kg dry	0.0570	1	EPA 7473	07/09/2025 09:28	07/11/2025 09:02	DBT
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04		

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**	**52.6**		%	0.100	1	SM 2540G	07/09/2025 07:15	07/09/2025 09:29	BF
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: DB-5 **York Sample ID:** 25G0474-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0474	236 Richmond Valley Road, Staten Island A22-115.8 JB	Soil	July 7, 2025 8:40 am	07/08/2025

Sample Information

Client Sample ID: DB-5 **York Sample ID:** 25G0474-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0474	236 Richmond Valley Road, Staten Island A22-115.8 JB	Soil	July 7, 2025 8:40 am	07/08/2025

Analyzed by: York Analytical Laboratories, Inc.

Metals, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**5.92**		mg/kg dry	1.53	1	EPA 6010D	07/10/2025 09:07	07/11/2025 11:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**63.1**		mg/kg dry	2.55	1	EPA 6010D	07/10/2025 09:07	07/11/2025 11:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	**Beryllium**	**0.329**		mg/kg dry	0.051	1	EPA 6010D	07/10/2025 09:07	07/11/2025 11:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-43-9	**Cadmium**	**0.613**		mg/kg dry	0.307	1	EPA 6010D	07/10/2025 09:07	07/11/2025 11:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	**Chromium**	**30.2**		mg/kg dry	0.511	1	EPA 6010D	07/10/2025 09:07	07/11/2025 11:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**598**		mg/kg dry	2.04	1	EPA 6010D	07/10/2025 09:07	07/11/2025 11:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**330**		mg/kg dry	0.511	1	EPA 6010D	07/10/2025 09:07	07/11/2025 11:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**254**		mg/kg dry	0.511	1	EPA 6010D	07/10/2025 09:07	07/11/2025 11:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**30.1**		mg/kg dry	1.02	1	EPA 6010D	07/10/2025 09:07	07/11/2025 11:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	2.55	1	EPA 6010D	07/10/2025 09:07	07/11/2025 11:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.515	1	EPA 6010D	07/10/2025 09:07	07/11/2025 11:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**566**		mg/kg dry	2.54	1	EPA 6010D	07/10/2025 09:07	07/11/2025 11:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.175**		mg/kg dry	0.0368	1	EPA 7473	07/09/2025 09:28	07/11/2025 09:02	DBT
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04		

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**	**81.6**		%	0.100	1	SM 2540G	07/09/2025 07:15	07/09/2025 09:29	BF
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: DB-5 **York Sample ID:** 25G0474-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0474	236 Richmond Valley Road, Staten Island A22-115.8 JB	Soil	July 7, 2025 8:40 am	07/08/2025

Sample Information

Client Sample ID: DB-6 **York Sample ID:** 25G0474-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0474	236 Richmond Valley Road, Staten Island A22-115.8 JB	Soil	July 7, 2025 8:30 am	07/08/2025

Analyzed by: York Analytical Laboratories, Inc.

Metals, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**12.2**		mg/kg dry	1.51	1	EPA 6010D	07/10/2025 09:07	07/11/2025 11:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**71.3**		mg/kg dry	2.51	1	EPA 6010D	07/10/2025 09:07	07/11/2025 11:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	**Beryllium**	**0.302**		mg/kg dry	0.051	1	EPA 6010D	07/10/2025 09:07	07/11/2025 11:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-43-9	**Cadmium**	**0.452**		mg/kg dry	0.301	1	EPA 6010D	07/10/2025 09:07	07/11/2025 11:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	**Chromium**	**70.6**		mg/kg dry	0.503	1	EPA 6010D	07/10/2025 09:07	07/11/2025 11:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**145**		mg/kg dry	2.01	1	EPA 6010D	07/10/2025 09:07	07/11/2025 11:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**96.3**		mg/kg dry	0.503	1	EPA 6010D	07/10/2025 09:07	07/11/2025 11:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**591**		mg/kg dry	0.503	1	EPA 6010D	07/10/2025 09:07	07/11/2025 11:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**35.9**		mg/kg dry	1.00	1	EPA 6010D	07/10/2025 09:07	07/11/2025 11:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	2.51	1	EPA 6010D	07/10/2025 09:07	07/11/2025 11:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.506	1	EPA 6010D	07/10/2025 09:07	07/11/2025 11:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**131**		mg/kg dry	2.50	1	EPA 6010D	07/10/2025 09:07	07/11/2025 11:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.109**		mg/kg dry	0.0362	1	EPA 7473	07/09/2025 09:28	07/11/2025 09:02	DBT
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04		

Sample Information

Client Sample ID: DB-6 **York Sample ID:** 25G0474-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0474	236 Richmond Valley Road, Staten Island A22-115.8 JB	Soil	July 7, 2025 8:30 am	07/08/2025

Analyzed by: York Analytical Laboratories, Inc.

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	07/09/2025 07:15	07/09/2025 09:29	BF
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: DUP **York Sample ID:** 25G0474-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0474	236 Richmond Valley Road, Staten Island A22-115.8 JB	Soil	July 7, 2025 10:00 am	07/08/2025

Analyzed by: York Analytical Laboratories, Inc.

Metals, NYSDEC Part 375 **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**8.97**		mg/kg dry	1.48	1	EPA 6010D	07/10/2025 14:38	07/11/2025 11:19	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			
7440-39-3	**Barium**	**68.5**		mg/kg dry	2.45	1	EPA 6010D	07/10/2025 14:38	07/11/2025 11:19	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			
7440-41-7	**Beryllium**	**0.210**		mg/kg dry	0.050	1	EPA 6010D	07/10/2025 14:38	07/11/2025 11:19	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			
7440-43-9	**Cadmium**	**0.452**		mg/kg dry	0.295	1	EPA 6010D	07/10/2025 14:38	07/11/2025 11:19	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			
7440-47-3	**Chromium**	**15.8**		mg/kg dry	0.492	1	EPA 6010D	07/10/2025 14:38	07/11/2025 11:19	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			
7440-50-8	**Copper**	**331**		mg/kg dry	1.97	1	EPA 6010D	07/10/2025 14:38	07/11/2025 11:19	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			
7439-92-1	**Lead**	**147**		mg/kg dry	0.492	1	EPA 6010D	07/10/2025 14:38	07/11/2025 11:19	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			
7439-96-5	**Manganese**	**213**		mg/kg dry	0.492	1	EPA 6010D	07/10/2025 14:38	07/11/2025 11:19	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			
7440-02-0	**Nickel**	**32.2**		mg/kg dry	0.980	1	EPA 6010D	07/10/2025 14:38	07/11/2025 11:19	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			
7782-49-2	Selenium	ND		mg/kg dry	2.46	1	EPA 6010D	07/10/2025 14:38	07/11/2025 11:19	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			
7440-22-4	Silver	ND		mg/kg dry	0.496	1	EPA 6010D	07/10/2025 14:38	07/11/2025 11:19	AGNR
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04			

Sample Information

Client Sample ID: DUP **York Sample ID:** 25G0474-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0474	236 Richmond Valley Road, Staten Island A22-115.8 JB	Soil	July 7, 2025 10:00 am	07/08/2025

Analyzed by: York Analytical Laboratories, Inc.

Metals, NYSDEC Part 375

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
7440-66-6	**Zinc**	**275**		mg/kg dry	2.45	1	EPA 6010D	07/10/2025 14:38	07/11/2025 11:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.131**		mg/kg dry	0.0354	1	EPA 7473	07/09/2025 09:28	07/11/2025 09:02	DBT
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**84.7**		%	0.100	1	SM 2540G	07/10/2025 08:34	07/10/2025 10:52	BF
							Certifications:	CTDOH-PH-0723		

Sample and Data Qualifiers Relating to This Work Order

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Field Chain-of-Custody Record

YORK Project Number: 25G0474

YORK ANALYTICAL LABORATORIES INC

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

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

Page 1 of 1

Report To:	Invoice To:
Company: Laurel Environmental	Company:
Address: 53 W Hills Road Huntington Station, NY 11746	Address: Kathy
Phone: (631) 673-0612	Phone:
Contact: Scott Yanuck	Contact:
E-mail: lnbresults@laurelenv.com; jburgher@laurelenv.com	E-mail:

YOUR Project Name / Number: 236 Richmond Valley Road, Staten Island A22-115.8 JB

PO Number:

Samples Collected From: NY X; NJ; CT; PA; Other: (please specify)

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

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

Connor Grasso

Samples Collected by: (print AND sign your name)

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

Preservative (please list number of containers)

Analyses Requested: NYSDEC Part 375 Parameters; 8260 TCL + 30 VOCs

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other:	NYSDEC Part 375 Parameters	8260 TCL + 30 VOCs	Grab or Comp. G/C
DB-1	7-7-25	9:20	S	X										X		
DB-2		9:10		X										X		
DB-3		9:05		X										X		
DB-4		8:55		X										X		
DB-5		8:40		X										X		
DB-6		8:30		X										X		
DUP		10:00		X										X		
Equipment Blank		6:00	DI Water		X		X		X					X		
Trip Blank		6:00			X										X	

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

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

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

Field Filtered; Lab Filtered

Comments:

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

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

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

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
	7/8/25 1025 AM	1. KBarlayork	7-8-25 1025 AM	2. KBarlayork	7-8-25 16:00
Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
					7/8/25 16:00 2.4 degrees C

DAILY STATUS REPORT
Prepared By: Jamie Burgher

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	
TEMP.	< 32		32-50		50-70		70-85	X	>85	

NYSDEC Site Number:	V-001590	Date:	07/14/2025
Project Name:	Nassau Metals OU-2, 236 Richmond Valley Rd, Staten Island, NY		

Consultant: Advanced Site Restoration 53 West Hills Road Huntington Station, NY 11746	**Tenant:** Popeyes 158 Page Avenue Staten Island, NY 10309
Contractor: Mammoth Construction, Inc. 166 Industrial Loop Staten Island, NY 10309	**Site Safety Officer:** Arthur McCarthy Mammoth Construction, Inc.

Work Activities Performed:

- CAMP was established upwind and downwind of the work zone.
- On the hill area, the forms surrounding the retaining wall were disassembled.
- On the hill area, GCL was installed above the native material.
- In the northern landscaped area, shrubs were hand excavated to prepare the area for future excavation.

Samples Collected:
None.

Air Monitoring:
CAMP was performed for the duration of this work and consisted of two (2) units with dedicated dust monitors and PIDs placed upwind and downwind of the work zone with audible alarms. CAMP was established at 7:30 am and ended at the completion of work (3:15pm). See attached table for data and attached site sketch for CAMP station location.

Upwind background readings: dust 0.017 µg/cm^3, VOCs 0.0 ppm.
Downwind background readings: dust 0.020 µg/cm^3, VOCs 0.0 ppm.

No exceedances of the CAMP limits occurred, and no odors or fugitive dust was observed.

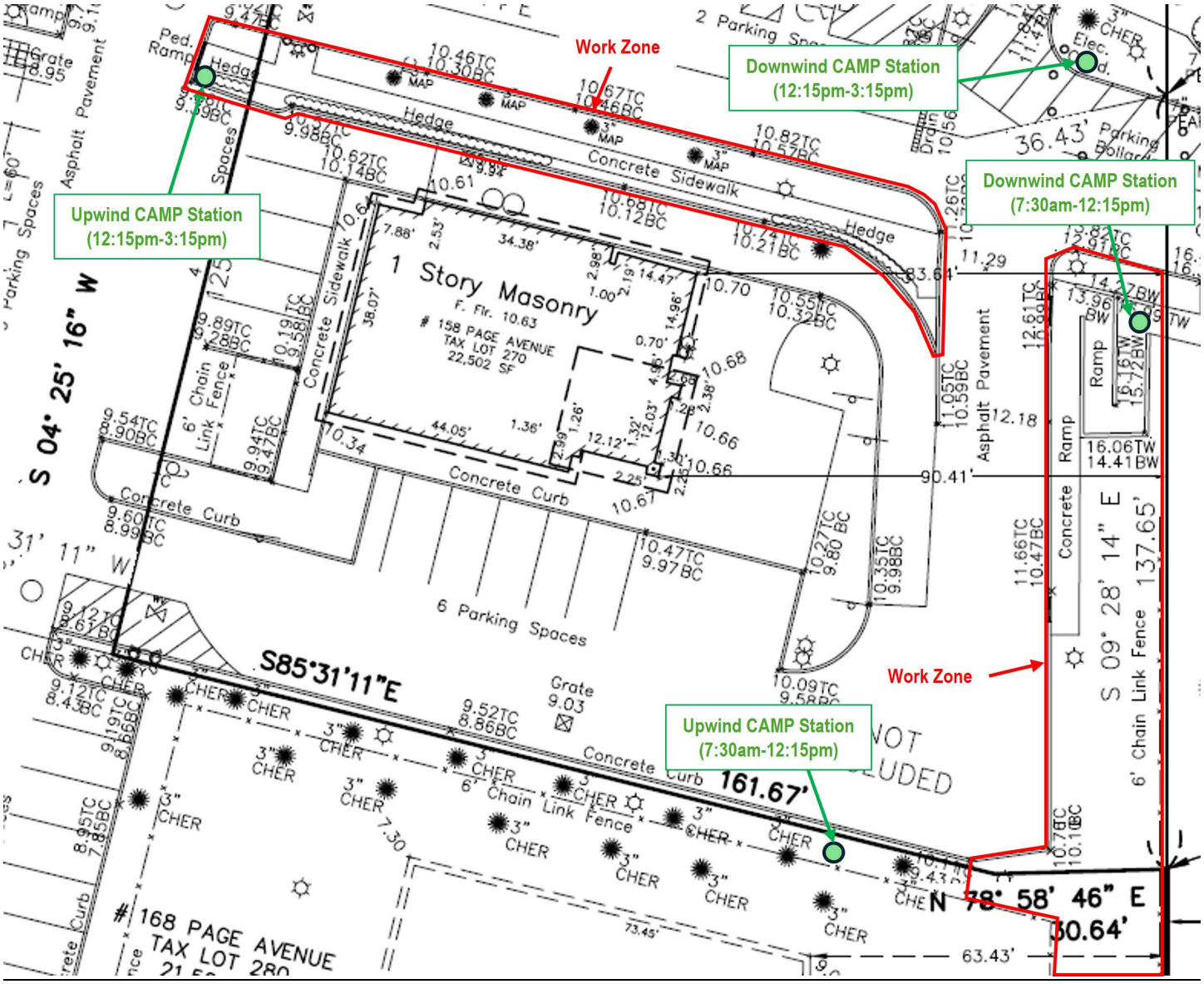
Problems Encountered:
None.

Sample Results Received:
None.

53 WEST HILLS ROAD, SUITE 1, HUNTINGTON STATION, NEW YORK 11746
TELEPHONE: (631) 673-0612 FAX: (631) 427-5323
WWW.LAURELENV.COM

Plan for Next Day:
Continue preparing landscaped areas for future excavation.

Site Sketch



53 WEST HILLS ROAD, SUITE 1, HUNTINGTON STATION, NEW YORK 11746
TELEPHONE: (631) 673-0612 FAX: (631) 427-5323
WWW.LAURELENV.COM

CAMP Readings

Time	Upwind PID	Downwind PID	Upwind Dust	Downwind Dust
7:30	0.0	0.0	0.019	0.021
7:45	0.0	0.0	0.020	0.016
8:00	0.0	0.0	0.015	0.016
8:15	0.0	0.0	0.019	0.011
8:30	0.0	0.0	0.018	0.009
8:45	0.0	0.0	0.015	0.014
9:00	0.0	0.0	0.017	0.011
9:15	0.0	0.0	0.017	0.010
9:30	0.0	0.0	0.023	0.017
9:45	0.0	0.0	0.018	0.008
10:00	0.0	0.0	0.012	0.011
10:15	0.0	0.0	0.012	0.009
10:30	0.0	0.0	0.014	0.010
10:45	0.0	0.0	0.015	0.011
11:00	0.0	0.0	0.015	0.014
11:15	0.0	0.0	0.017	0.011
11:30	0.0	0.0	0.020	0.011
11:45	0.0	0.0	0.017	0.011
12:00	0.0	0.0	0.016	0.009
12:15	0.0	0.0	0.019	0.026
12:30	0.0	0.0	0.022	0.010
12:45	0.0	0.0	0.023	0.010
13:00	0.0	0.0	0.019	0.010
13:15	0.0	0.0	0.018	0.008
13:30	0.0	0.0	0.018	0.007
13:45	0.0	0.0	0.020	0.009
14:00	0.0	0.0	0.021	0.011
14:15	0.0	0.0	0.018	0.012
14:30	0.0	0.0	0.021	0.012
14:45	0.0	0.0	0.024	0.015
15:00	0.0	0.0	0.023	0.023
15:15	0.0	0.0	0.020	0.056

Notes: All values are shown over a 15-minute time-weighted average (TWA).
PID readings in parts per million (ppm). Dust readings in micrograms per cubic centimeter ($\mu g/cm^3$)

53 WEST HILLS ROAD, SUITE 1, HUNTINGTON STATION, NEW YORK 11746
TELEPHONE: (631) 673-0612 FAX: (631) 427-5323
WWW.LAURELENV.COM

PHOTO DOCUMENTATION



View of a typical CAMP station monitoring for VOCs and dust



View of workers disassembling the retaining wall forms

53 WEST HILLS ROAD, SUITE 1, HUNTINGTON STATION, NEW YORK 11746
TELEPHONE: (631) 673-0612 FAX: (631) 427-5323
WWW.LAURELENV.COM



View of poured concrete retaining wall as constructed



View of the GCL being installed on the hill area and surrounding the pedestrian ramp

53 WEST HILLS ROAD, SUITE 1, HUNTINGTON STATION, NEW YORK 11746
TELEPHONE: (631) 673-0612 FAX: (631) 427-5323
WWW.LAURELENV.COM



Additional view of the GCL installed on the hill area and surrounding the pedestrian ramp



View of the shrubs being hand excavated

53 WEST HILLS ROAD, SUITE 1, HUNTINGTON STATION, NEW YORK 11746
TELEPHONE: (631) 673-0612 FAX: (631) 427-5323
WWW.LAURELENV.COM

DAILY STATUS REPORT
Prepared By: Connor Grosso

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	
TEMP.	< 32		32-50		50-70		70-85	X	>85	

NYSDEC Site Number:	V-001590	Date:	07/15/2025
Project Name:	Nassau Metals OU-2, 236 Richmond Valley Rd, Staten Island, NY		

Consultant: Advanced Site Restoration 53 West Hills Road Huntington Station, NY 11746	**Tenant:** Popeyes 158 Page Avenue Staten Island, NY 10309
Contractor: Mammoth Construction, Inc. 166 Industrial Loop Staten Island, NY 10309	**Site Safety Officer:** Arthur McCarthy Mammoth Construction, Inc.

Work Activities Performed:

- CAMP was established upwind and downwind of the work zone. Wind was noted as 5 mph from the south.
- In the northern, eastern, and southern landscaped areas, shrubs were hand excavated, and the decorative stones were removed from around the trees to prepare the area for future excavation.

Samples Collected:
None.

Air Monitoring:
CAMP was performed for the duration of this work and consisted of two (2) units with dedicated dust monitors and PIDs placed upwind and downwind of the work zone with audible alarms. CAMP was established at 7:30 am and ended at the completion of work (3:30pm). See attached table for data and attached site sketch for CAMP station location.

Upwind background readings: dust 0.021 µg/cm^3, VOCs 0.0 ppm.
Downwind background readings: dust 0.037 µg/cm^3, VOCs 0.0 ppm.

No exceedances of the CAMP limits occurred, and no odors or fugitive dust was observed.

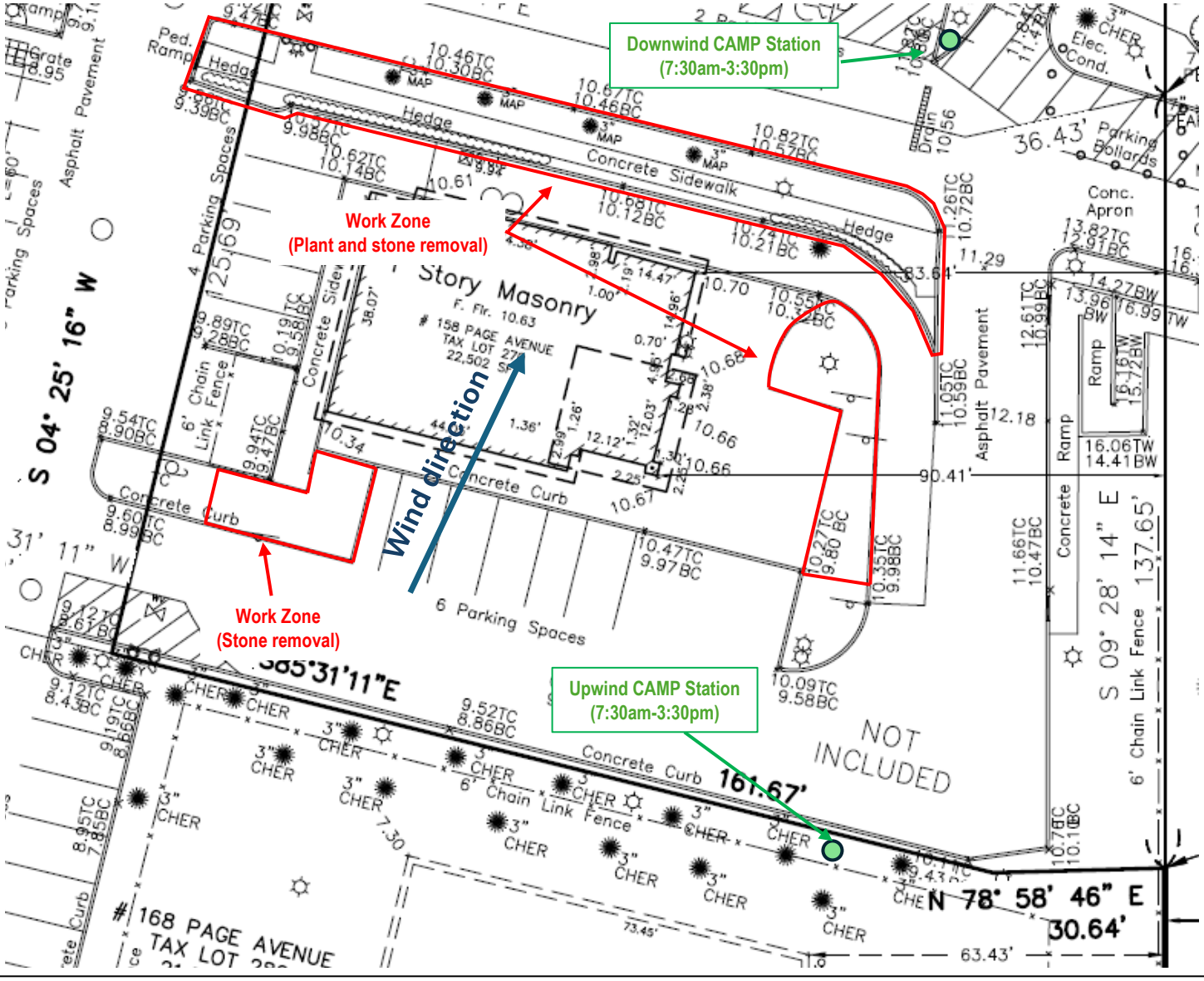
Problems Encountered:
None.

Sample Results Received:
None.

53 WEST HILLS ROAD, SUITE 1, HUNTINGTON STATION, NEW YORK 11746
TELEPHONE: (631) 673-0612 FAX: (631) 427-5323
WWW.LAURELENV.COM

Plan for Next Day:
No work planned for Wednesday.
On Thursday, landscaping area is to be excavated to 12" below grade and GCL installed. Soil to be imported from Posillico for used as backfill on the hill and landscaped areas.

Site Sketch



53 WEST HILLS ROAD, SUITE 1, HUNTINGTON STATION, NEW YORK 11746
TELEPHONE: (631) 673-0612 FAX: (631) 427-5323
WWW.LAURELENV.COM

CAMP Readings

Time	Upwind PID	Downwind PID	Upwind Dust	Downwind Dust
7:30	0.0	0.2	0.037	0.034
7:45	0.0	0.0	0.034	0.029
8:00	0.0	0.0	0.034	0.028
8:15	0.0	0.0	0.029	0.024
8:30	0.0	0.0	0.034	0.021
8:45	0.0	0.0	0.030	0.020
9:00	0.0	0.0	0.048	0.038
9:15	0.0	0.0	0.048	0.041
9:30	0.0	0.0	0.041	0.034
9:45	0.0	0.0	0.027	0.017
10:00	0.0	0.0	0.025	0.014
10:15	0.0	0.0	0.026	0.015
10:30	0.0	0.0	0.021	0.013
10:45	0.0	0.0	0.022	0.011
11:00	0.0	0.0	0.024	0.017
11:15	0.0	0.0	0.030	0.021
11:30	0.0	0.0	0.028	0.023
11:45	0.0	0.0	0.033	0.025
12:00	0.0	0.0	0.036	0.023
12:15	0.0	0.0	0.035	0.024
12:30	0.0	0.0	0.035	0.027
12:45	0.0	0.0	0.036	0.025
13:00	0.0	0.0	0.036	0.036
13:15	0.0	0.0	0.035	0.039
13:30	0.0	0.0	0.034	0.023
13:45	0.0	0.0	0.046	0.028
14:00	0.0	0.0	0.036	0.024
14:15	0.0	0.0	0.037	0.022
14:30	0.0	0.0	0.037	0.025
14:45	0.0	0.0	0.043	0.033
15:00	0.0	0.0	0.034	0.025
15:15	0.0	0.0	0.036	0.028
15:30	0.0	0.0	0.045	0.033

Notes: All values are shown over a 15-minute time-weighted average (TWA).
PID readings in parts per million (ppm). Dust readings in micrograms per cubic centimeter ($\mu g/cm^3$)

53 WEST HILLS ROAD, SUITE 1, HUNTINGTON STATION, NEW YORK 11746
TELEPHONE: (631) 673-0612 FAX: (631) 427-5323
WWW.LAURELENV.COM

PHOTO DOCUMENTATION



View of workers removing decorative stones from around the trees



View of plants removed from the landscaping areas and stored in pots

53 WEST HILLS ROAD, SUITE 1, HUNTINGTON STATION, NEW YORK 11746
TELEPHONE: (631) 673-0612 FAX: (631) 427-5323
WWW.LAURELENV.COM



View of the northern landscaping area after shrubs and stones were removed



View of the eastern landscaping area after shrubs and stones were removed

53 WEST HILLS ROAD, SUITE 1, HUNTINGTON STATION, NEW YORK 11746
TELEPHONE: (631) 673-0612 FAX: (631) 427-5323
WWW.LAURELENV.COM



View of the southern landscaping area after stones were removed



View of decorative stones stockpiled at the end of the workday

53 WEST HILLS ROAD, SUITE 1, HUNTINGTON STATION, NEW YORK 11746
TELEPHONE: (631) 673-0612 FAX: (631) 427-5323
WWW.LAURELENV.COM

DAILY STATUS REPORT
Prepared By: Barbara Lunz

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	X
TEMP.	< 32		32-50		50-70		70-85		>85	X

NYSDEC Site Number:	V-001590	Date:	07/17/2025
Project Name:	Nassau Metals OU-2, 236 Richmond Valley Rd, Staten Island, NY		

Consultant: Advanced Site Restoration 53 West Hills Road Huntington Station, NY 11746	**Tenant:** Popeyes 158 Page Avenue Staten Island, NY 10309
Contractor: Mammoth Construction, Inc. 166 Industrial Loop Staten Island, NY 10309	**Site Safety Officer:** Arthur McCarthy Mammoth Construction, Inc.

Work Activities Performed:

- CAMP was established upwind and downwind of the work zone. Wind was noted as 7 to 10 mph from the southwest.
- Five (5) loads of fill material were imported to the Site from Posillico Materials, Inc., for use as clean capping material. Imported soil was transferred onto the eastern hill area for capping system restoration and use as a temporary stockpile location.
- In the northern landscaped area, the thin southern strip of landscaping was hand excavated, the GCL was installed, and backfilled with imported soil. Excavated material was stockpiled on poly sheeting in the southeast corner of the lot and covered with poly sheeting.
- Shrubs were removed in a portion of the western landscaped area.
- A small portion of the eastern landscaped area was hand excavated to uncover subsurface utilities and prepare for future excavation.

Samples Collected:
None.

Air Monitoring:
CAMP was performed for the duration of this work and consisted of two (2) units with dedicated dust monitors and PIDs placed upwind and downwind of the work zone with audible alarms. CAMP was established at 7:50 am and ended at the completion of work (3:00pm). See attached table for data and attached site sketch for CAMP station location.

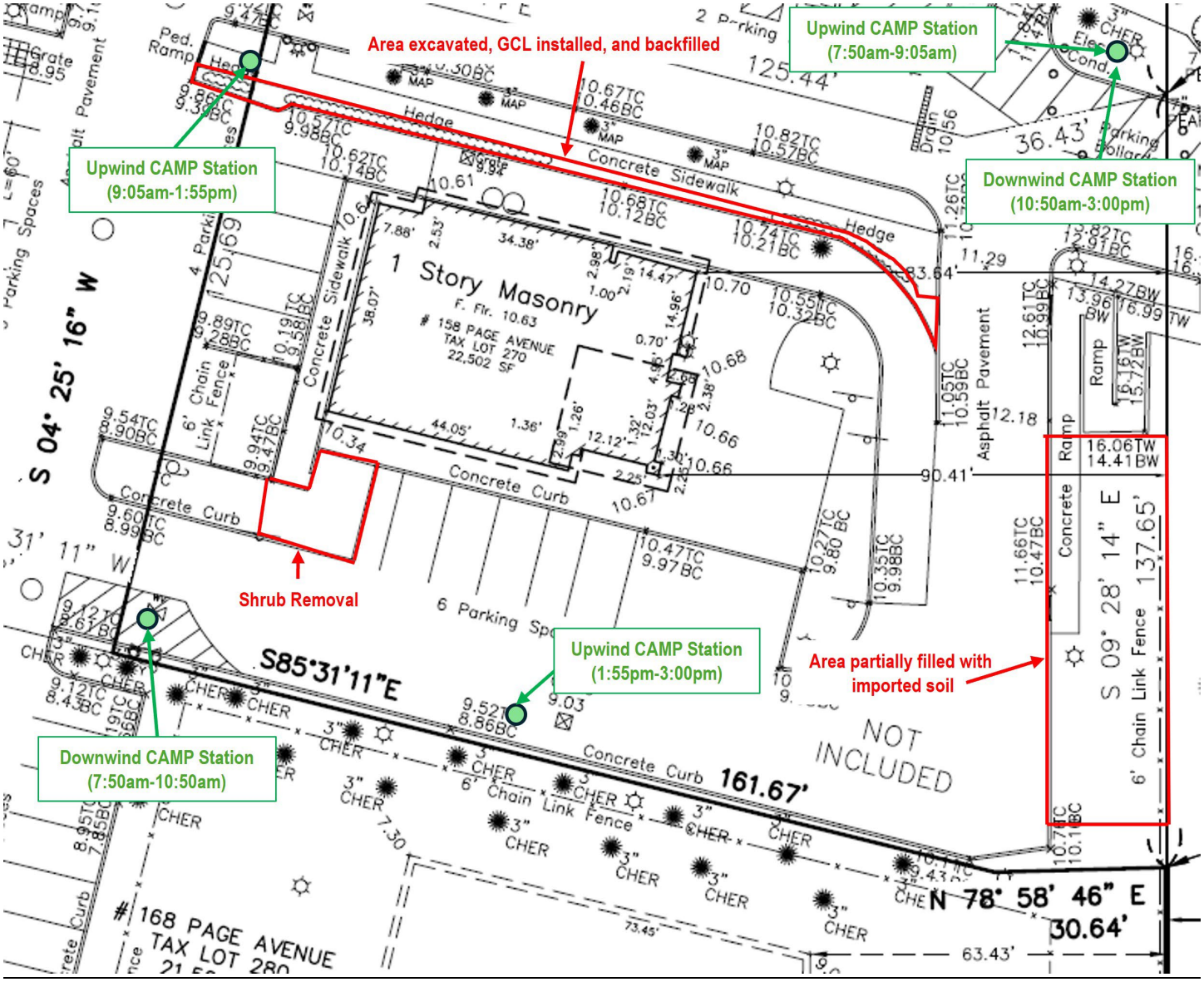
Upwind background readings: dust 0.010 µg/cm^3, VOCs 0.0 ppm.
Downwind background readings: dust 0.014 µg/cm^3, VOCs 0.0 ppm.

No exceedances of the CAMP limits occurred, and no odors or fugitive dust was observed.

53 WEST HILLS ROAD, SUITE 1, HUNTINGTON STATION, NEW YORK 11746
TELEPHONE: (631) 673-0612 FAX: (631) 427-5323
WWW.LAURELENV.COM

Problems Encountered: Excavator was out of service for approximately 1.5 hours.
Sample Results Received: Full delineation soil boring data received. Data Interpretation Report prepared and delivered under separate cover to NYSDEC PM. No new exceedances found.
Plan for Next Day: On Friday, landscaping area is to be excavated to 12" below grade and GCL installed. Previously imported fill material will be utilized to restore the landscape capping systems.

Site Sketch



CAMP Readings

Time	Upwind PID	Downwind PID	Upwind Dust	Downwind Dust
07:50	0.0	0.0	0.013	0.007
08:05	0.0	0.0	0.012	0.008
08:20	0.0	0.0	0.017	0.005
08:35	0.0	0.0	0.015	0.008
08:50	0.0	0.0	0.014	0.003
09:05	0.0	0.0	0.018	0.005
09:20	0.0	0.0	0.062	0.006
09:35	0.0	0.0	0.016	0.007
09:50	0.0	0.0	0.027	0.014
10:05	0.0	0.0	0.032	0.020
10:20	0.0	0.0	0.027	0.019
10:35	0.0	0.0	0.024	0.015
10:50	0.0	0.0	0.023	0.013
11:20	0.0	0.0	0.037	0.024
11:35	0.0	0.0	0.028	0.020
11:50	0.0	0.0	0.030	0.025
12:05	0.0	0.0	0.031	0.022
12:20	0.0	0.0	0.034	0.030
13:20	0.0	0.0	0.032	0.029
14:25	0.0	0.0	0.037	0.040
14:40	0.0	0.0	0.040	0.030
14:55	0.0	0.0	0.037	0.030

Notes: All values are shown over a 15-minute time-weighted average (TWA).
PID readings in parts per million (ppm). Dust readings in micrograms per cubic centimeter ($\mu g/cm^3$)

53 WEST HILLS ROAD, SUITE 1, HUNTINGTON STATION, NEW YORK 11746
TELEPHONE: (631) 673-0612 FAX: (631) 427-5323
WWW.LAURELENV.COM

PHOTO DOCUMENTATION



View of a typical truck delivering fill material for use in capping system restoration.



View of workers excavating soil and laying down the GCL layer in the southern strip in the northern landscaped area.

53 WEST HILLS ROAD, SUITE 1, HUNTINGTON STATION, NEW YORK 11746
TELEPHONE: (631) 673-0612 FAX: (631) 427-5323
WWW.LAURELENV.COM



View of the thin southern strip in the northern landscaped area backfilled with imported soil.



View of hand excavation in the eastern landscaped area.

53 WEST HILLS ROAD, SUITE 1, HUNTINGTON STATION, NEW YORK 11746
TELEPHONE: (631) 673-0612 FAX: (631) 427-5323
WWW.LAURELENV.COM



View of the shrubs removed in the western landscaped area.



View of imported soil being placed on the eastern hill area.

53 WEST HILLS ROAD, SUITE 1, HUNTINGTON STATION, NEW YORK 11746
TELEPHONE: (631) 673-0612 FAX: (631) 427-5323
WWW.LAURELENV.COM



View of eastern hill area partially filled with imported soil.

53 WEST HILLS ROAD, SUITE 1, HUNTINGTON STATION, NEW YORK 11746
TELEPHONE: (631) 673-0612 FAX: (631) 427-5323
WWW.LAURELENV.COM

DAILY STATUS REPORT
Prepared By: Connor Grosso

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	X
TEMP.	< 32		32-50		50-70		70-85		>85	X

NYSDEC Site Number:	V-001590	Date:	07/18/2025
Project Name:	Nassau Metals OU-2, 236 Richmond Valley Rd, Staten Island, NY		

Consultant: Advanced Site Restoration 53 West Hills Road Huntington Station, NY 11746	**Tenant:** Popeyes 158 Page Avenue Staten Island, NY 10309
Contractor: Mammoth Construction, Inc. 166 Industrial Loop Staten Island, NY 10309	**Site Safety Officer:** Arthur McCarthy Mammoth Construction, Inc.

Work Activities Performed:

- CAMP was established upwind and downwind of the work zone. Wind was noted as 7 to 10 mph from the southwest.
- In the northern landscaped area, the soil was excavated to 12" bgs, the GCL was installed, and the area was backfilled with previously imported certified clean soil. The work on the northern landscaped area has been completed.
- In the eastern landscaped area, the northern fraction planned for off-site disposal was excavated to 12" bgs, the GCL was installed, and the area was backfilled with previously imported certified clean soil. The southern fraction of the eastern landscaped area remains to be excavated and GCL installed.
- All excavated soil was added to the existing stockpile in the southeast corner of the asphalt parking lot and covered with poly sheeting. The cover was secured with landscaping stones and spare equipment.

Samples Collected:
None.

Air Monitoring:
CAMP was performed for the duration of this work and consisted of two (2) units with dedicated dust monitors and PIDs placed upwind and downwind of the work zone with audible alarms. CAMP was established at 7:15 am and ended at the completion of work (4:30pm). See attached table for data and attached site sketch for CAMP station location.

Upwind background readings: dust 0.017 µg/cm^3, VOCs 0.0 ppm.
Downwind background readings: dust 0.027 µg/cm^3, VOCs 0.0 ppm.

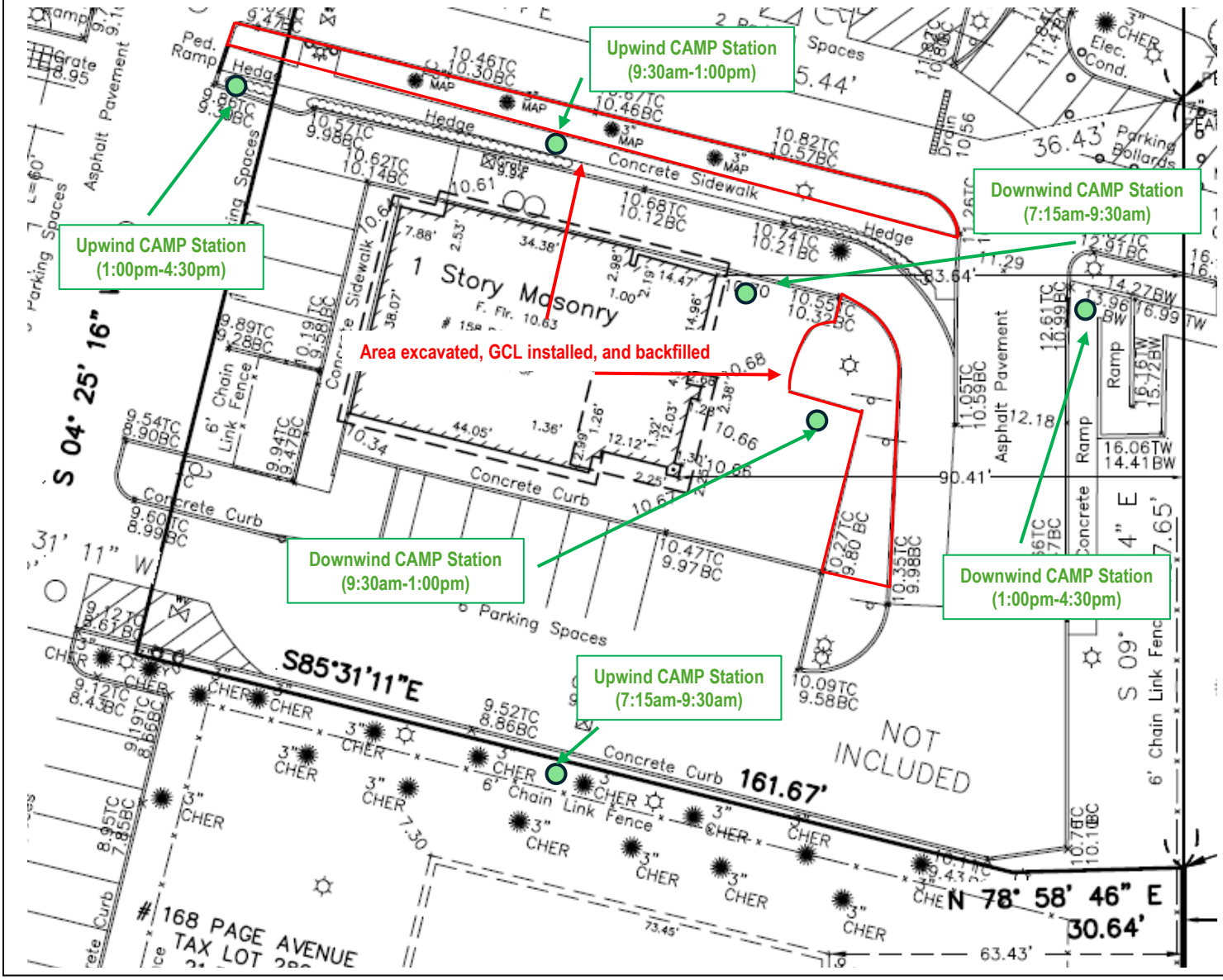
No exceedances of the CAMP limits occurred, and no odors or fugitive dust was observed.

53 WEST HILLS ROAD, SUITE 1, HUNTINGTON STATION, NEW YORK 11746
TELEPHONE: (631) 673-0612 FAX: (631) 427-5323
WWW.LAURELENV.COM

Problems Encountered:
None.

Plan for Next Day:
On Monday, the southern landscaping area is to be excavated to 12" below grade and GCL installed. Previously imported fill material will be utilized to restore the landscape capping systems.

Site Sketch



53 WEST HILLS ROAD, SUITE 1, HUNTINGTON STATION, NEW YORK 11746
TELEPHONE: (631) 673-0612 FAX: (631) 427-5323
WWW.LAURELENV.COM

CAMP Readings

Time	Upwind PID	Downwind PID	Upwind Dust	Downwind Dust
7:15	0.0	0.0	0.023	0.029
7:30	0.0	0.0	0.009	0.011
7:45	0.0	0.0	0.009	0.006
8:00	0.0	0.0	0.012	0.007
8:15	0.0	0.0	0.013	0.008
8:30	0.0	0.0	0.019	0.013
8:45	0.0	0.0	0.010	0.004
9:00	0.0	0.0	0.014	0.003
9:15	0.0	0.0	0.008	0.027
9:30	0.0	0.0	0.022	0.006
9:45	0.0	0.0	0.008	0.004
10:00	0.0	0.0	0.009	0.015
10:15	0.0	0.0	0.009	0.005
10:30	0.0	0.0	0.010	0.003
10:45	0.0	0.0	0.008	0.014
11:00	0.0	0.0	0.009	0.003
11:15	0.0	0.0	0.011	0.005
11:30	0.0	0.0	0.012	0.003
11:45	0.0	0.0	0.011	0.004
12:00	0.0	0.0	0.010	0.006
12:15	0.0	0.0	0.009	0.013
12:30	0.0	0.0	0.009	0.017
12:45	0.0	0.0	0.008	0.037
13:00	0.0	0.0	0.021	0.003
13:15	0.0	0.0	0.009	0.008
13:30	0.0	0.0	0.009	0.002
13:45	0.0	0.0	0.008	0.004
14:00	0.0	0.0	0.012	0.003
14:15	0.0	0.0	0.010	0.014
14:30	0.0	0.0	0.012	0.009
14:45	0.0	0.0	0.012	0.045
15:00	0.0	0.0	0.013	0.005
15:15	0.0	0.0	0.011	0.004
15:30	0.0	0.0	0.020	0.003
15:45	0.0	0.0	0.016	0.024
16:00	0.0	0.0	0.023	0.004
16:15	0.0	0.0	0.037	0.003

53 WEST HILLS ROAD, SUITE 1, HUNTINGTON STATION, NEW YORK 11746
TELEPHONE: (631) 673-0612 FAX: (631) 427-5323
WWW.LAURELENV.COM

Time	Upwind PID	Downwind PID	Upwind Dust	Downwind Dust
16:30	0.0	0.0	0.019	0.012

Notes: All values are shown over a 15-minute time-weighted average (TWA).
PID readings in parts per million (ppm). Dust readings in micrograms per cubic centimeter ($\mu g/cm^3$)

53 WEST HILLS ROAD, SUITE 1, HUNTINGTON STATION, NEW YORK 11746
TELEPHONE: (631) 673-0612 FAX: (631) 427-5323
WWW.LAURELENV.COM

PHOTO DOCUMENTATION



View of the excavated soil stockpile at the beginning of the workday.



View of the northern landscaped area being excavated.

53 WEST HILLS ROAD, SUITE 1, HUNTINGTON STATION, NEW YORK 11746
TELEPHONE: (631) 673-0612 FAX: (631) 427-5323
WWW.LAURELENV.COM



View of the depth of excavation in the northern landscaped area.



View of the northern landscaped area after GCL was installed.

53 WEST HILLS ROAD, SUITE 1, HUNTINGTON STATION, NEW YORK 11746
TELEPHONE: (631) 673-0612 FAX: (631) 427-5323
WWW.LAURELENV.COM



View of northern landscaped area after being backfilled.



View of the eastern landscaped area being excavated.

53 WEST HILLS ROAD, SUITE 1, HUNTINGTON STATION, NEW YORK 11746
TELEPHONE: (631) 673-0612 FAX: (631) 427-5323
WWW.LAURELENV.COM



View of the GCL being installed in the eastern landscaped area.



Additional view of the GCL being installed in the eastern landscaped area.

53 WEST HILLS ROAD, SUITE 1, HUNTINGTON STATION, NEW YORK 11746
TELEPHONE: (631) 673-0612 FAX: (631) 427-5323
WWW.LAURELENV.COM



View of the eastern landscaped area after being backfilled.



View of the excavated soil stockpile at the end of day.

53 WEST HILLS ROAD, SUITE 1, HUNTINGTON STATION, NEW YORK 11746
TELEPHONE: (631) 673-0612 FAX: (631) 427-5323
WWW.LAURELENV.COM

DAILY STATUS REPORT
Prepared By: Barbara Lunz

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	< 32		32-50		50-70		70-85		>85	X

NYSDEC Site Number:	V-001590	Date:	07/21/2025
Project Name:	Nassau Metals OU-2, 236 Richmond Valley Rd, Staten Island, NY		

Consultant: Advanced Site Restoration 53 West Hills Road Huntington Station, NY 11746	**Tenant:** Popeyes 158 Page Avenue Staten Island, NY 10309
Contractor: Mammoth Construction, Inc. 166 Industrial Loop Staten Island, NY 10309	**Site Safety Officer:** Arthur McCarthy Mammoth Construction, Inc.

Work Activities Performed:

- CAMP was established upwind and downwind of the work zone. Wind was noted as 6 to 7 mph from the northwest.
- In the northern end of the eastern hill area, the soil was excavated to 12" below grade, GCL was installed, and the area was backfilled with previously imported certified clean soil.
- Shrubs were planted in the northern and eastern landscaped areas.
- Previously imported certified clean soil was evenly dispersed over the eastern hill area.
- Excavated soil stockpile was covered with poly and weighted down at the end of the day.

Samples Collected:

- Stockpile_composite and Stockpile_grab samples were collected from the excavated soil stockpile for waste characterization analysis.

Air Monitoring:
CAMP was performed for the duration of this work and consisted of two (2) units with dedicated dust monitors and PIDs placed upwind and downwind of the work zone with audible alarms. CAMP was established at 7:20 am and ended at the completion of work (3:30pm). See attached table for data and attached site sketch for CAMP station location.

Upwind background readings: dust 0.016 µg/cm^3, VOCs 0.0 ppm.
Downwind background readings: dust 0.015 µg/cm^3, VOCs 0.0 ppm.

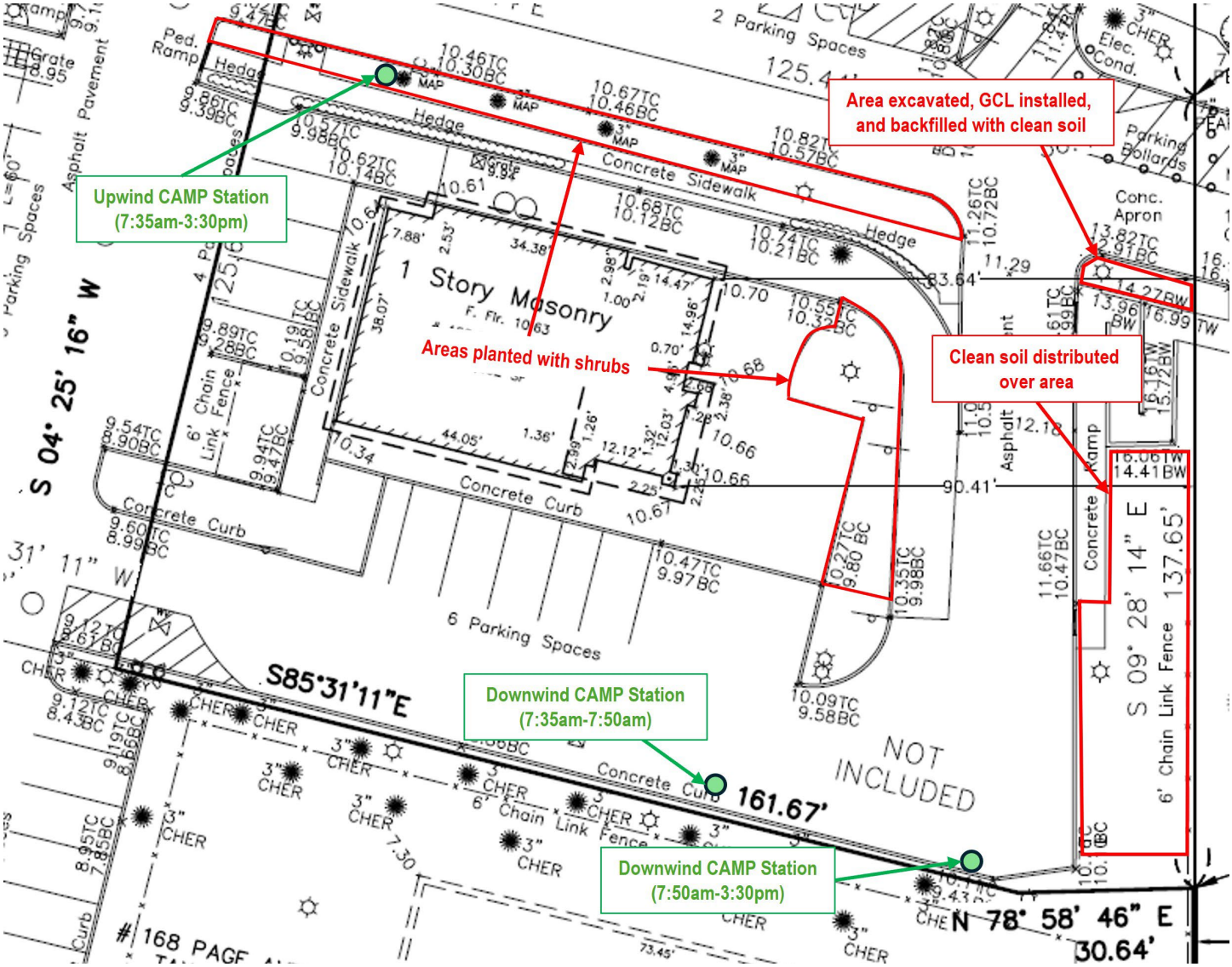
No exceedances of the CAMP limits occurred, and no odors or fugitive dust was observed.

Problems Encountered:
The PID in the Upwind CAMP Unit exhibited consistently increasing readings a few hours into monitoring when minimal/no work was done close by, indicating a likely issue with the PID.

53 WEST HILLS ROAD, SUITE 1, HUNTINGTON STATION, NEW YORK 11746
TELEPHONE: (631) 673-0612 FAX: (631) 427-5323
WWW.LAURELENV.COM

Plan for Next Day:
No work planned until Thursday, July 24. Work will focus on remediating and restoring the remaining landscaped areas (i.e., southwestern landscaped area, and southern fraction of the eastern landscaped area).

Site Sketch



53 WEST HILLS ROAD, SUITE 1, HUNTINGTON STATION, NEW YORK 11746
TELEPHONE: (631) 673-0612 FAX: (631) 427-5323
WWW.LAURELENV.COM

CAMP Readings

Time	Upwind PID	Downwind PID	Upwind Dust	Downwind Dust
07:35	0.0	0.0	0.015	0.013
07:50	0.0	0.0	0.015	0.014
08:05	0.0	0.0	0.014	0.016
08:20	0.0	0.0	0.014	0.021
08:35	0.0	0.0	0.020	0.020
08:50	0.0	0.0	0.016	0.017
09:05	0.0	0.0	0.017	0.016
09:20	0.0	0.0	0.021	0.035
09:35	0.0	0.0	0.019	0.022
10:00	0.0	0.0	0.020	0.025
10:20	0.0	0.0	0.020	0.022
10:35	0.0	0.0	0.040	0.025
10:50	0.8	0.0	0.023	0.022
11:05	0.6	0.0	0.026	0.020
11:20	1.0	0.0	0.022	0.025
11:35	1.5	0.0	0.022	0.040
11:50	2.1	0.1	0.021	0.019
12:05	2.7	0.1	0.023	0.018
12:20	3.0	0.0	0.023	0.017
12:35	3.2	0.0	0.023	0.019
12:50	3.5	0.0	0.024	0.018
13:05	3.8	0.0	0.021	0.017
13:45	0.4	0.0	0.022	0.030
14:00	2.2	0.0	0.023	0.026
14:15	2.5	0.0	0.024	0.020
14:30	3.1	0.0	0.025	0.024
14:45	1.9	0.0	0.029	0.023
15:00	2.3	0.0	0.030	0.050
15:30	3.7	0.0	0.027	0.040

Notes: All values are shown over a 15-minute time-weighted average (TWA).
PID readings in parts per million (ppm). Dust readings in micrograms per cubic centimeter ($\mu g/cm^3$)

53 WEST HILLS ROAD, SUITE 1, HUNTINGTON STATION, NEW YORK 11746
TELEPHONE: (631) 673-0612 FAX: (631) 427-5323
WWW.LAURELENV.COM

PHOTO DOCUMENTATION



View of the excavated soil stockpile at the beginning of the workday.



View of the northern end of the eastern hill area being excavated.

53 WEST HILLS ROAD, SUITE 1, HUNTINGTON STATION, NEW YORK 11746
TELEPHONE: (631) 673-0612 FAX: (631) 427-5323
WWW.LAURELENV.COM



View of the northern end of the eastern hill with GCL installed.



View of the northern end of the eastern hill after being backfilled.

53 WEST HILLS ROAD, SUITE 1, HUNTINGTON STATION, NEW YORK 11746
TELEPHONE: (631) 673-0612 FAX: (631) 427-5323
WWW.LAURELENV.COM



View of the eastern landscaped area being planted with shrubs.



View of eastern landscaped area planted with shrubs.

53 WEST HILLS ROAD, SUITE 1, HUNTINGTON STATION, NEW YORK 11746
TELEPHONE: (631) 673-0612 FAX: (631) 427-5323
WWW.LAURELENV.COM



View of the northern landscaped area being planted with shrubs.



View of the northern landscaped area after being planted with shrubs.

53 WEST HILLS ROAD, SUITE 1, HUNTINGTON STATION, NEW YORK 11746
TELEPHONE: (631) 673-0612 FAX: (631) 427-5323
WWW.LAURELENV.COM



View of previously imported clean soil being dispersed on the eastern hill area.



View of the eastern hill area, facing north, at the end of day.

53 WEST HILLS ROAD, SUITE 1, HUNTINGTON STATION, NEW YORK 11746
TELEPHONE: (631) 673-0612 FAX: (631) 427-5323
WWW.LAURELENV.COM



View of the excavated soil stockpile at the end of day.

53 WEST HILLS ROAD, SUITE 1, HUNTINGTON STATION, NEW YORK 11746
TELEPHONE: (631) 673-0612 FAX: (631) 427-5323
WWW.LAURELENV.COM

DAILY STATUS REPORT
Prepared By: Barbara Lunz

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	< 32		32-50		50-70		70-85		>85	X

NYSDEC Site Number:	V-001590	Date:	07/28/2025
Project Name:	Nassau Metals OU-2, 236 Richmond Valley Rd, Staten Island, NY		

Consultant: Advanced Site Restoration 53 West Hills Road Huntington Station, NY 11746	**Tenant:** Popeyes 158 Page Avenue Staten Island, NY 10309
Contractor: Mammoth Construction, Inc. 166 Industrial Loop Staten Island, NY 10309	**Site Safety Officer:** Arthur McCarthy Mammoth Construction, Inc.

Work Activities Performed:

- One (1) load imported certified clean fill material from Posillico was brought to the site on July 25, 2025, and received by the GC. Load ticket and source of fill was verified by ASR.
- CAMP was established upwind and downwind of the work zone. Wind was noted as 4 mph from the northwest at 7:00am to 10:20am, from the north from 10:20am to 2:00pm, and from northwest from 2:00pm until the end of the workday.
- Additional GCL was delivered to the site.
- In the eastern landscaped area, the southern portion of the soil was excavated to 12” below grade, GCL was installed, and the area was backfilled with the previously tested clean soil.
- In the southwestern landscaped area, the ‘L-shaped” eastern section was excavated to 12” below grade, excavated soil was transferred to the contaminated stockpile, and the landscaped area was backfilled with certified clean soil imported from Posillico.
- In the southwestern landscaped area, the western portion was excavated to 12” below grade, GCL was installed, and the area was backfilled with the previously tested clean soil.
- On the eastern hill, the GCL was installed in the southeastern corner, and 12” of certified clean soil from Posillico was placed over the GCL.
- Shrubs were planted and watered in the landscaped areas.
- The certified clean soil previously imported from Posillico, that was touching the contaminated soil stockpile was added into the contaminated soil stockpile.
- All imported certified clean soil was utilized on the eastern hill area, with none remaining on the Site.
- The contaminated soil stockpile was covered with poly and weighted down at the end of the day.

Samples Collected:

- No samples were collected.

53 WEST HILLS ROAD, SUITE 1, HUNTINGTON STATION, NEW YORK 11746
TELEPHONE: (631) 673-0612 FAX: (631) 427-5323
WWW.LAURELENV.COM

Air Monitoring:
CAMP was performed for the duration of this work and consisted of two (2) units with dedicated dust monitors and PIDs placed upwind and downwind of the work zone with audible alarms. CAMP was established at 7:35am and ended at the completion of work (3:05pm). See attached table for data and attached site sketch for CAMP station location.

Upwind background readings: dust 0.030 µg/cm^3, VOCs 0.0 ppm.
Downwind background readings: dust 0.028 µg/cm^3, VOCs 0.0 ppm.

Exceedances of the CAMP limits occurred at the upwind CAMP station between 1:20pm and 1:35pm when the front loader and skid steer operated near the monitoring station, grading and placing soil on the eastern hill. Downwind CAMP readings were elevated during this time period but did not exceed the CAMP limits, demonstrating that any fugitive dust was limited to the vicinity of the upwind CAMP station and did not leave the work zone.

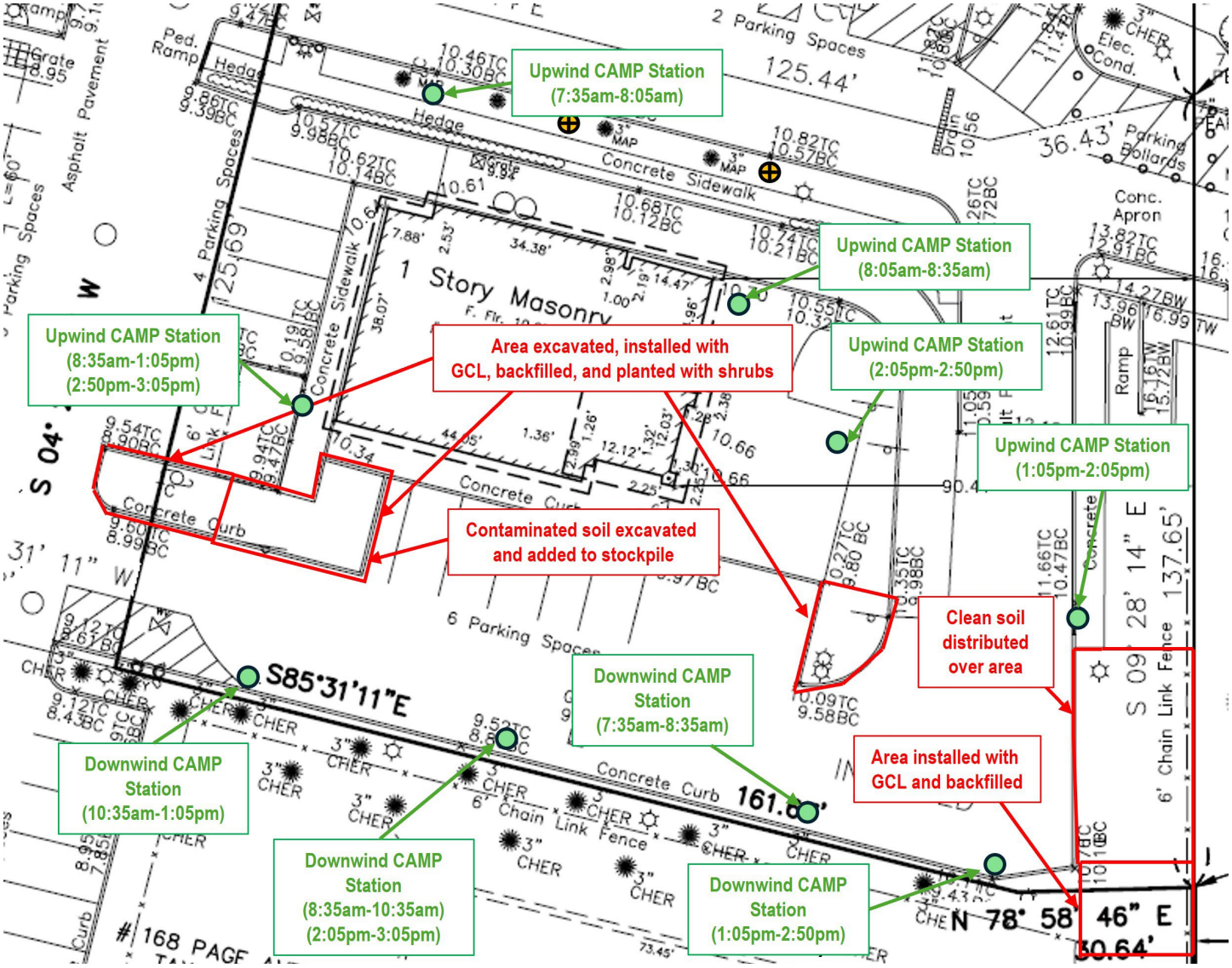
No odors or fugitive dust was observed.

Problems Encountered:
None.

Plan for Next Day:
Planned work at 158 Page Avenue has been completed. Contaminated soil will be disposed of off-site when waste characterization results are received and an appropriate disposal facility has been selected.

53 WEST HILLS ROAD, SUITE 1, HUNTINGTON STATION, NEW YORK 11746
TELEPHONE: (631) 673-0612 FAX: (631) 427-5323
WWW.LAURELENV.COM

Site Sketch



53 WEST HILLS ROAD, SUITE 1, HUNTINGTON STATION, NEW YORK 11746
TELEPHONE: (631) 673-0612 FAX: (631) 427-5323
WWW.LAURELENV.COM

CAMP Readings

Time	Upwind PID	Downwind PID	Upwind Dust	Downwind Dust
07:35	0.0	0.0	0.039	0.041
07:50	0.0	0.0	0.037	0.010
08:05	0.0	0.0	0.035	0.043
08:20	0.0	0.0	0.033	0.034
08:35	0.0	0.0	0.035	0.036
08:50	0.0	0.0	0.038	0.040
09:05	0.0	0.0	0.043	0.050
09:20	0.0	0.0	0.050	0.050
09:35	0.0	0.0	0.040	0.045
09:50	0.0	0.0	0.041	0.060
10:05	0.0	0.0	0.039	0.035
10:20	0.0	0.0	0.040	0.050
10:35	0.0	0.0	0.042	0.034
11:05	0.0	0.0	0.040	0.031
11:20	0.0	0.0	0.039	0.034
11:50	0.0	0.0	0.050	0.029
12:05	0.1	0.1	0.042	0.050
12:20	0.1	0.1	0.040	0.030
12:35	0.0	0.0	0.038	0.029
13:05	0.0	0.0	0.037	0.150
13:20	0.0	0.0	0.180	0.115
13:35	0.0	0.0	0.222	0.040
13:50	0.0	0.0	0.040	0.038
14:05	0.0	0.0	0.048	0.039
14:20	0.0	0.0	0.108	0.038
14:35	0.0	0.0	0.039	0.035
14:50	0.0	0.0	0.035	0.038
15:05	0.0	0.0	0.033	0.030

Notes: All values are shown over a 15-minute time-weighted average (TWA).
PID readings in parts per million (ppm). Dust readings in micrograms per cubic centimeter ($\mu g/cm^3$)
Yellow highlighted value exceeds the established CAMP limits.

53 WEST HILLS ROAD, SUITE 1, HUNTINGTON STATION, NEW YORK 11746
TELEPHONE: (631) 673-0612 FAX: (631) 427-5323
WWW.LAURELENV.COM

PHOTO DOCUMENTATION



View of imported certified clean soil and the excavated soil stockpile covered with poly at the beginning of the workday.



View of the eastern landscaped area being excavated to 12” below grade.

53 WEST HILLS ROAD, SUITE 1, HUNTINGTON STATION, NEW YORK 11746
TELEPHONE: (631) 673-0612 FAX: (631) 427-5323
WWW.LAURELENV.COM



View of the eastern landscaped area after being excavated 12" below grade, installed with GCL, and backfilled with original clean soil.



View of southwestern landscaped area after being excavated 12" below grade with excavated contaminated material placed in the front loader.

53 WEST HILLS ROAD, SUITE 1, HUNTINGTON STATION, NEW YORK 11746
TELEPHONE: (631) 673-0612 FAX: (631) 427-5323
WWW.LAURELENV.COM



View of excavated contaminated material being added to the stockpile.



View of western extension of the southwestern landscaped area being excavated.

53 WEST HILLS ROAD, SUITE 1, HUNTINGTON STATION, NEW YORK 11746
TELEPHONE: (631) 673-0612 FAX: (631) 427-5323
WWW.LAURELENV.COM



View of GCL being installed in the southwestern landscaped area.



View of southwestern landscaped area being planted with shrubs.

53 WEST HILLS ROAD, SUITE 1, HUNTINGTON STATION, NEW YORK 11746
TELEPHONE: (631) 673-0612 FAX: (631) 427-5323
WWW.LAURELENV.COM



View of GCL installation on the southeastern corner of the eastern hill.



View of the eastern hill at end of day and the contaminated soil stockpile covered with poly and weighted down.

53 WEST HILLS ROAD, SUITE 1, HUNTINGTON STATION, NEW YORK 11746
TELEPHONE: (631) 673-0612 FAX: (631) 427-5323
WWW.LAURELENV.COM

DAILY STATUS REPORT
Prepared By: Barbara Lunz

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	< 32		32-50		50-70		70-85		>85	X

NYSDEC Site Number:	V-001590	Date:	08/29/2025
Project Name:	Nassau Metals OU-2, 236 Richmond Valley Rd, Staten Island, NY		

Consultant: Advanced Site Restoration 53 West Hills Road Huntington Station, NY 11746	**Tenant:** Popeyes 158 Page Avenue Staten Island, NY 10309
Contractor: Mammoth Construction, Inc. 166 Industrial Loop Staten Island, NY 10309	**Site Safety Officer:** Arthur McCarthy Mammoth Construction, Inc.

Work Activities Performed:

- CAMP was established upwind and downwind of the work zone. Wind was noted as 4 mph from the southwest from approximately 7:30am to 9:17am and noted as 4 mph from the west from approximately 9:17am to 12:40pm.
- In all landscaped areas, the previously removed rocks were placed around the existing trees using a small front-loader and shovel.
- Contaminated soil from the stockpile was loaded into two (2) trucks from Valiant and shipped to the Posillico's Farmingdale Wash Treatment Plant, located at 1610 New Highway, Farmingdale, NY.
- Remaining contaminated material not taken by the two (2) trucks was condensed, covered with poly, and weighted down at the end of the day.

Samples Collected:

- No samples were collected.

Air Monitoring:
CAMP was performed for the duration of this work and consisted of two (2) units with dedicated dust monitors and PIDs placed upwind and downwind of the work zone with audible alarms. CAMP was established at 7:45am and ended at the completion of work (12:40pm). See attached table for data and attached site sketch for CAMP station location.

Upwind background readings: dust 0.022 µg/cm^3, VOCs 0.0 ppm.
Downwind background readings: dust 0.022 µg/cm^3, VOCs 0.0 ppm.

No exceedances, odors, or fugitive dust were observed.

53 WEST HILLS ROAD, SUITE 1, HUNTINGTON STATION, NEW YORK 11746
TELEPHONE: (631) 673-0612 FAX: (631) 427-5323
WWW.LAURELENV.COM

Problems Encountered: None
Plan for Next Day: Remaining contaminated soil on the site will be disposed of off-site on Tuesday, September 2, 2025.

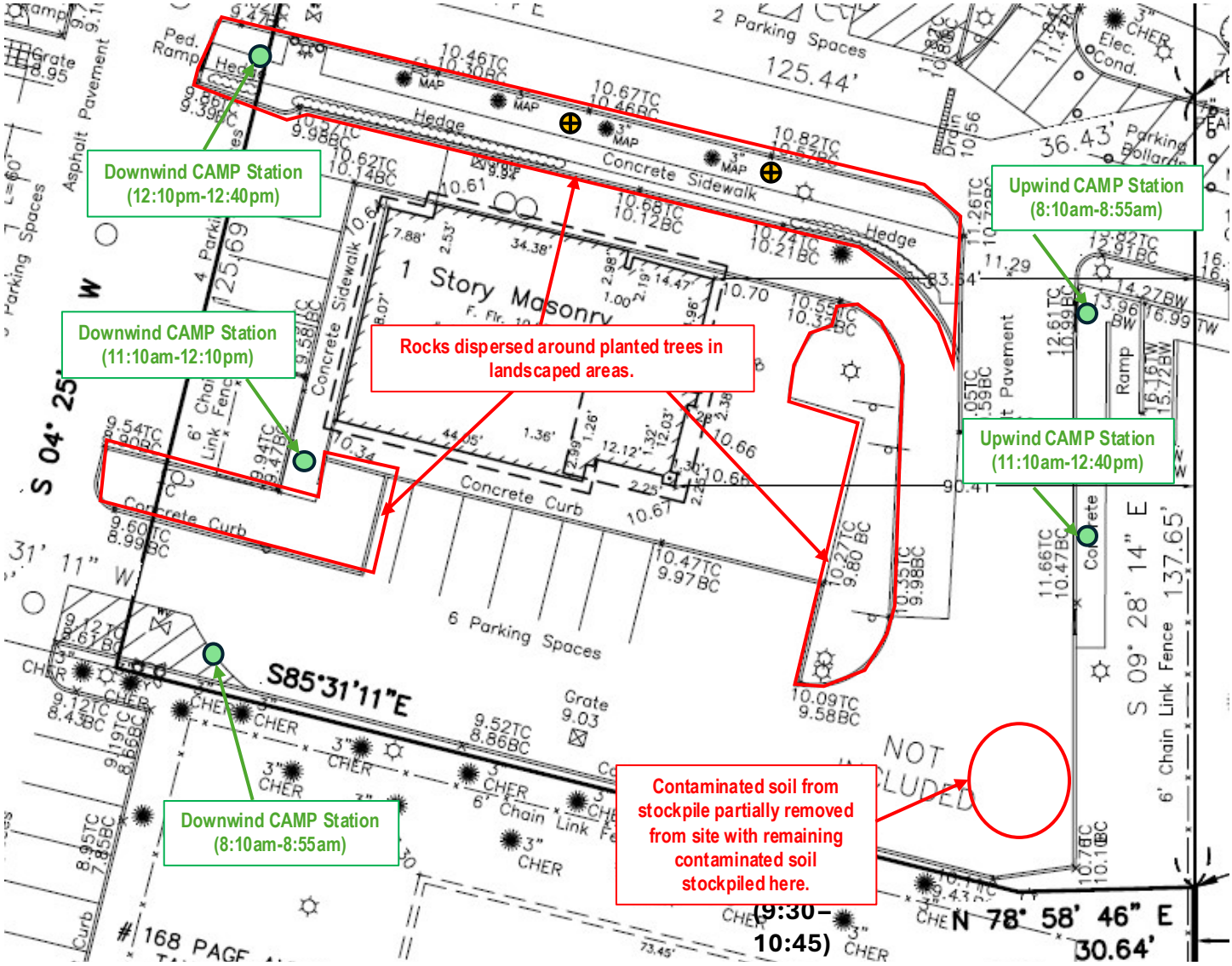
53 WEST HILLS ROAD, SUITE 1, HUNTINGTON STATION, NEW YORK 11746
TELEPHONE: (631) 673-0612 FAX: (631) 427-5323
WWW.LAURELENV.COM

TRUCKING LOG

Shipment Date	Manifest Number	Transporter	License Plate	On-Site Location	Off-Site Disposal Facility	Material Type	Tonnage
8/29/2025	573029	Valiant Contracting	AY718Y	158 Page	Posillico Materials, LLC	Non-Hazardous Waste	22.83
8/29/2025	573031	Valiant Contracting	AY387N	158 Page	Posillico Materials, LLC	Non-Hazardous Waste	21.38

53 WEST HILLS ROAD, SUITE 1, HUNTINGTON STATION, NEW YORK 11746
TELEPHONE: (631) 673-0612 FAX: (631) 427-5323
WWW.LAURELENV.COM

Site Sketch



53 WEST HILLS ROAD, SUITE 1, HUNTINGTON STATION, NEW YORK 11746
TELEPHONE: (631) 673-0612 FAX: (631) 427-5323
WWW.LAURELENV.COM

CAMP Readings

Time	Upwind PID	Downwind PID	Upwind Dust	Downwind Dust
08:10	0.0	0.0	0.027	0.026
08:25	0.0	0.0	0.031	0.050
08:40	0.0	0.0	0.034	0.033
08:55	0.0	0.0	0.035	0.042
11:10	0.0	0.0	0.014	0.013
11:25	0.0	0.0	0.014	0.032
11:40	0.0	0.0	0.034	0.025
11:55	0.0	0.0	0.015	0.020
12:10	0.0	0.0	0.020	0.030
12:25	0.0	0.0	0.016	0.017
12:40	0.0	0.0	0.020	0.022

Notes: All values are shown over a 15-minute time-weighted average (TWA).
PID readings in parts per million (ppm). Dust readings in micrograms per cubic centimeter ($\mu g/cm^3$)
Yellow highlighted value exceeds the established CAMP limits.

53 WEST HILLS ROAD, SUITE 1, HUNTINGTON STATION, NEW YORK 11746
TELEPHONE: (631) 673-0612 FAX: (631) 427-5323
WWW.LAURELENV.COM

PHOTO DOCUMENTATION



Photo 1: View of contaminated soil stockpile at the beginning of the workday.



Photo 2: View of rocks being dispersed around planted trees in landscaped areas.

53 WEST HILLS ROAD, SUITE 1, HUNTINGTON STATION, NEW YORK 11746
TELEPHONE: (631) 673-0612 FAX: (631) 427-5323
WWW.LAURELENV.COM



Photo 3: View of the contaminated soil being loaded into the trucks.



Photo 4: View of remaining contaminated soil condensed into a stockpile.

53 WEST HILLS ROAD, SUITE 1, HUNTINGTON STATION, NEW YORK 11746
TELEPHONE: (631) 673-0612 FAX: (631) 427-5323
WWW.LAURELENV.COM



Photo 5: View of finished landscaped area.



Photo 6: View of contaminated soil stockpile covered with poly and weighted down at the end of the workday.

53 WEST HILLS ROAD, SUITE 1, HUNTINGTON STATION, NEW YORK 11746
TELEPHONE: (631) 673-0612 FAX: (631) 427-5323
WWW.LAURELENV.COM

DAILY STATUS REPORT
Prepared By: Barbara Lunz

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	
TEMP.	< 32		32-50		50-70		70-85	X	>85	

NYSDEC Site Number:	V-001590	Date:	09/02/2025
Project Name:	Nassau Metals OU-2, 236 Richmond Valley Rd, Staten Island, NY		

Consultant: Advanced Site Restoration 53 West Hills Road Huntington Station, NY 11746	**Tenant:** Popeyes 158 Page Avenue Staten Island, NY 10309
Contractor: Mammoth Construction, Inc. 166 Industrial Loop Staten Island, NY 10309	**Site Safety Officer:** Arthur McCarthy Mammoth Construction, Inc.

Work Activities Performed:

- CAMP was established upwind and downwind of the work zone. Wind was noted as 7 mph from the northeast.
- The remaining contaminated soil from the stockpile was loaded into two (2) trucks from Valiant Contracting and shipped to the Posillico's Farmingdale Wash Treatment Plant, located at 1610 New Highway, Farmingdale, NY.

Samples Collected:

- No samples were collected.

Air Monitoring:
CAMP was performed for the duration of this work and consisted of two (2) units with dedicated dust monitors and PIDs placed upwind and downwind of the work zone with audible alarms. CAMP was established at 8:55am and ended at the completion of work (10:35am). See attached table for data and attached site sketch for CAMP station location.

Upwind background readings: dust 0.013 µg/cm^3, VOCs 0.0 ppm.
Downwind background readings: dust 0.011 µg/cm^3, VOCs 0.0 ppm.

No exceedances, odors, or fugitive dust were observed.

Problems Encountered:
None.

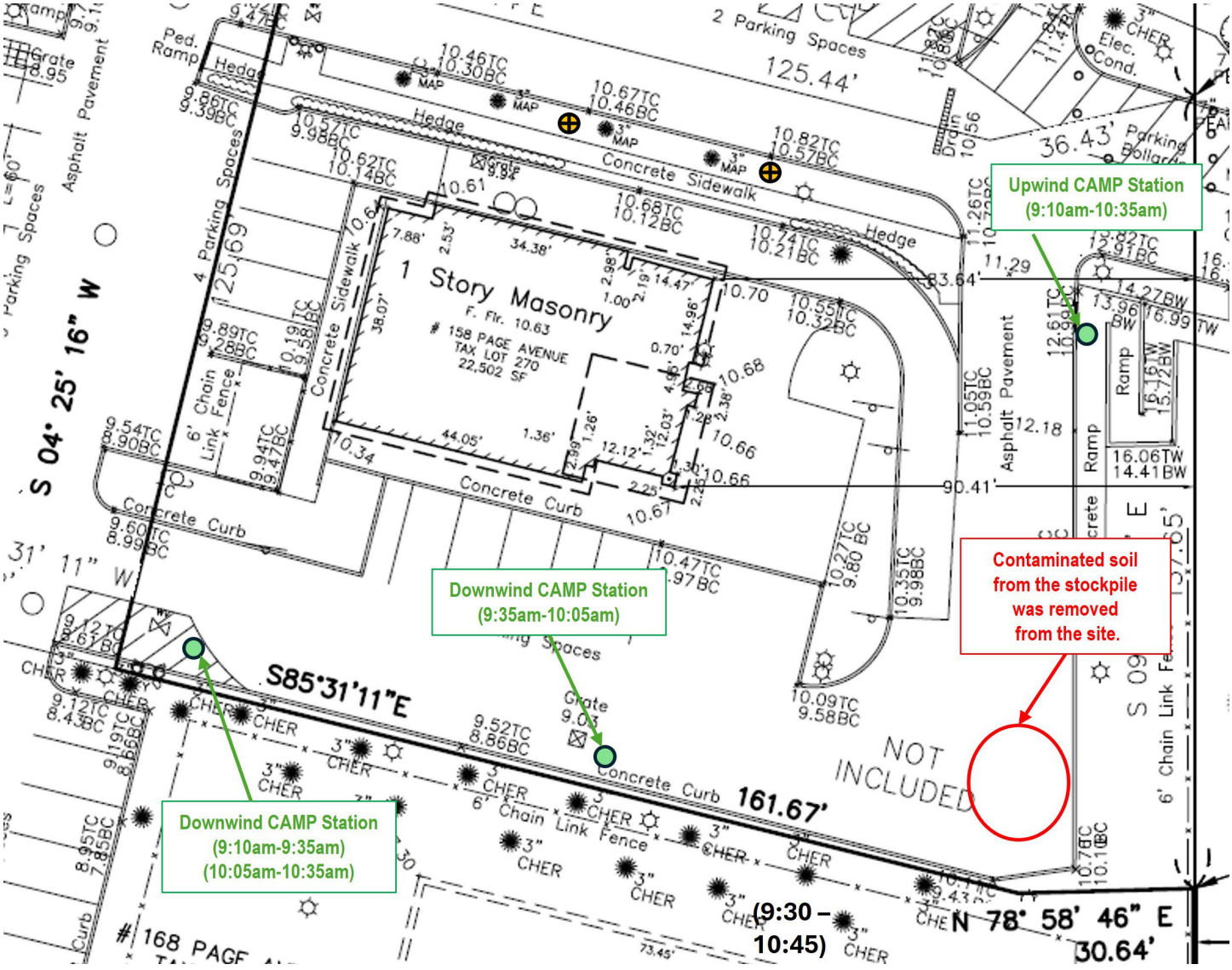
Plan for Next Day/Week/Month:
Work at the 158 Page Avenue portion of the site has been completed.

Work at the 286 Richmond Valley Road portion of the site will begin on or around September 25, with the advancement of delineation soil borings and collection of soil samples.

TRUCKING LOG

Shipment Date	Manifest Number	Transporter	License Plate	On-Site Location	Off-Site Disposal Facility	Material Type	Tonnage
9/02/2025	0044747	Valiant Contracting	AZ963S	158 Page	Posillico Materials, LLC	Non-Hazardous Waste	15.45
9/02/2025	0044746	Valiant Contracting	AY115A	158 Page	Posillico Materials, LLC	Non-Hazardous Waste	9.16

Site Sketch


Upwind CAMP Station
(9:10am-10:35am)
Downwind CAMP Station
(9:35am-10:05am)
Downwind CAMP Station
(9:10am-9:35am)
(10:05am-10:35am)
Contaminated soil from the stockpile was removed from the site.
NOT INCLUDED
1 Story Masonry
158 PAGE AVENUE
TAX LOT 270
22,502 SF
2 Parking Spaces
125.44'
Concrete Sidewalk
Concrete Curb
Asphalt Pavement
Hedge
6' Chain Link Fence
Ramp
S 04° 25' 16" W
S85°31'11"E
N 78° 58' 46" E
30.64'
161.67'
90.41'
(9:30 – 10:45)

CAMP Readings

Time	Upwind PID	Downwind PID	Upwind Dust	Downwind Dust
09:10	0.0	0.0	0.012	0.011
09:35	0.0	0.0	0.027	0.024
09:50	0.0	0.0	0.015	0.014
10:05	0.0	0.0	0.017	0.015
10:20	0.0	0.0	0.011	0.005
10:35	0.0	0.0	0.012	0.012

Notes: All values are shown over a 15-minute time-weighted average (TWA).
PID readings in parts per million (ppm). Dust readings in micrograms per cubic centimeter ($\mu g/cm^3$)
Yellow highlighted value exceeds the established CAMP limits.

PHOTO DOCUMENTATION



Photo 1: View of contaminated soil stockpile at the beginning of the workday.



Photo 2: View of the contaminated soil being loaded into the trucks.



Photo 3: View of workers sweeping up remaining soil for off-site disposal

.



Photo 4: View of the stockpile area after all soil was removed.

DAILY STATUS REPORT
Prepared By: Connor Grosso

WEATHER	Snow		Rain	X	Overcast		Partly Cloudy		Bright Sun	
TEMP.	< 32		32-50		50-70	X	70-85		>85	

NYSDEC Site Number:	V-001590	Date:	09/25/2025
Project Name:	Nassau Metals OU-2, 236 Richmond Valley Rd, Staten Island, NY		

Consultant: Advanced Site Restoration 53 West Hills Road Huntington Station, NY 11746	**Tenant:** Sazon 236 Richmond Valley Road Staten Island, NY 10309
Contractor: Advanced Site Restoration 53 West Hills Road Huntington Station, NY 11746	**Site Safety Officer:** Connor Grosso Advanced Site Restoration

Work Activities Performed:

- CAMP was established upwind and downwind of the work zone. Wind was noted as 7 mph from the northeast.
- A hand auger was utilized to collect soil samples from the landscaped areas to the east and north of the building at 286 Richmond Valley Road. The hand auger was advanced to 12" bgs in each location and decontaminated between locations. The soil was field screened with a PID and visual and olfactory methods, and no evidence of contamination was noted.

Samples Collected:

- DB-7, DB-8, DB-9, DB-10

Air Monitoring:
CAMP was performed for the duration of this work and consisted of two (2) units with dedicated dust monitors and PIDs placed upwind and downwind of the work zone with audible alarms. CAMP was established at 12:10pm and ended at the completion of excavation (12:40pm). See attached table for data and attached site sketch for CAMP station location.

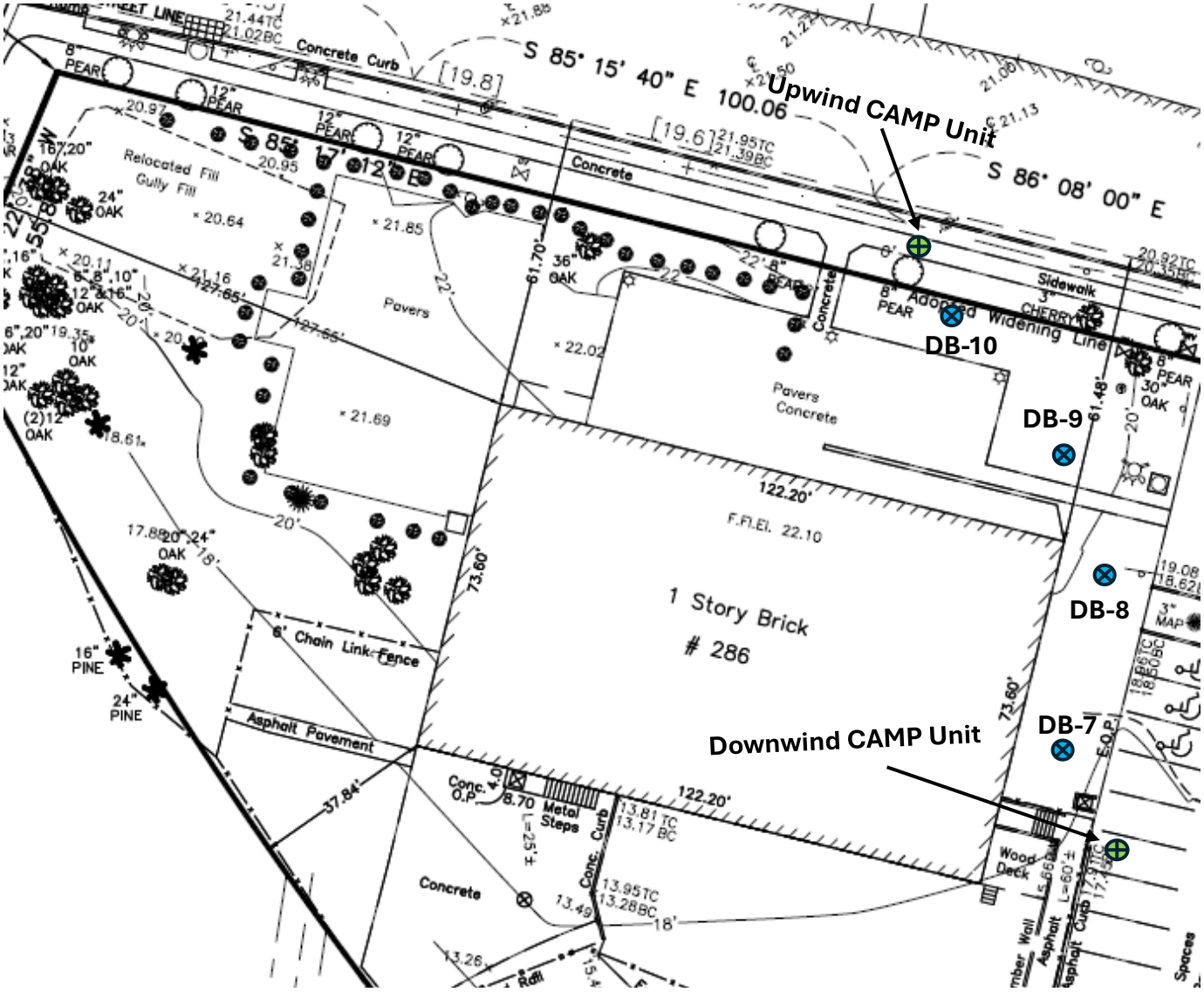
Upwind background readings: dust 0.046 µg/cm^3, VOCs 0.0 ppm.
Downwind background readings: dust 0.031 µg/cm^3, VOCs 0.0 ppm.

No exceedances, odors, or fugitive dust were observed.

Problems Encountered:
None.

Plan for Next Month:
Await delivery of laboratory results and make appropriate plans for remedial action in Oct/Nov.

Site Sketch


Upwind CAMP Unit
S 85° 15' 40" E 100.06
S 86° 08' 00" E
DB-10
DB-9
DB-8
DB-7
Downwind CAMP Unit
1 Story Brick
286
F.Fl.El. 22.10
Concrete Curb
Concrete
Pavers
Relocated Fill
Gully Fill
Sidewalk
Adopted Widening Line
6' Chain Link Fence
Asphalt Pavement
Metal Steps
Wood Deck
122.20'
73.60'

CAMP Readings

Time	Upwind PID	Downwind PID	Upwind Dust	Downwind Dust
12:10	0.0	0.0	0.012	0.011
12:25	0.0	0.0	0.027	0.024
12:40	0.0	0.0	0.015	0.014

Notes: All values are shown over a 15-minute time-weighted average (TWA).
PID readings in parts per million (ppm). Dust readings in micrograms per cubic centimeter ($\mu g/cm^3$)
Yellow highlighted value exceeds the established CAMP limits.

PHOTO DOCUMENTATION



Photo 1: View of the downwind CAMP unit.



Photo 2: View of the soil collected from DB-9 and DB-10.



Photo 3: View of the soil collected from DB-7 and DB-8

.

ADVANCED SITE RESTORATION
ENVIRONMENTAL SERVICES
(A DIVISION OF LAUREL ENVIRONMENTAL GEOSCIENCES, D.P.C.)

DAILY STATUS REPORT
Prepared By: Jamie Burgher

WEATHER	Snow		Rain		Overcast	X	Partly Cloudy		Bright Sun	
TEMP.	< 32		32-50		50-70	X	70-85		>85	

NYSDEC Site Number:	V-001590	Date:	11/03/2025
Project Name:	Nassau Metals OU-2, 236 Richmond Valley Rd, Staten Island, NY		

Consultant: Advanced Site Restoration 53 West Hills Road Huntington Station, NY 11746	**Tenant:** Sazon 286 Richmond Valley Road Staten Island, NY 10309
Contractor: Mammoth Construction 166 Industrial Loop Staten Island, NY 10309	**Site Safety Officer:** Art McCarthy Mammoth Construction

Work Activities Performed:

- CAMP was established upwind and downwind of the work zone. Wind was noted as 10 mph from the northeast.
- Plants were removed from the landscaped areas to the east and northeast of the 286 Richmond Valley Road building.
- The area to the west of the 286 Richmond Valley Road building was grubbed in preparation for the retaining wall installation.

Samples Collected:

- COMP_01 (waste characterization composite sample)

Air Monitoring:
CAMP was performed for the duration of this work and consisted of two (2) units with dedicated dust monitors and PIDs placed upwind and downwind of the work zone with audible alarms. CAMP was established at 8:30am and ended at the completion of excavation (2:45pm). See attached table for data and attached site sketch for CAMP station location.

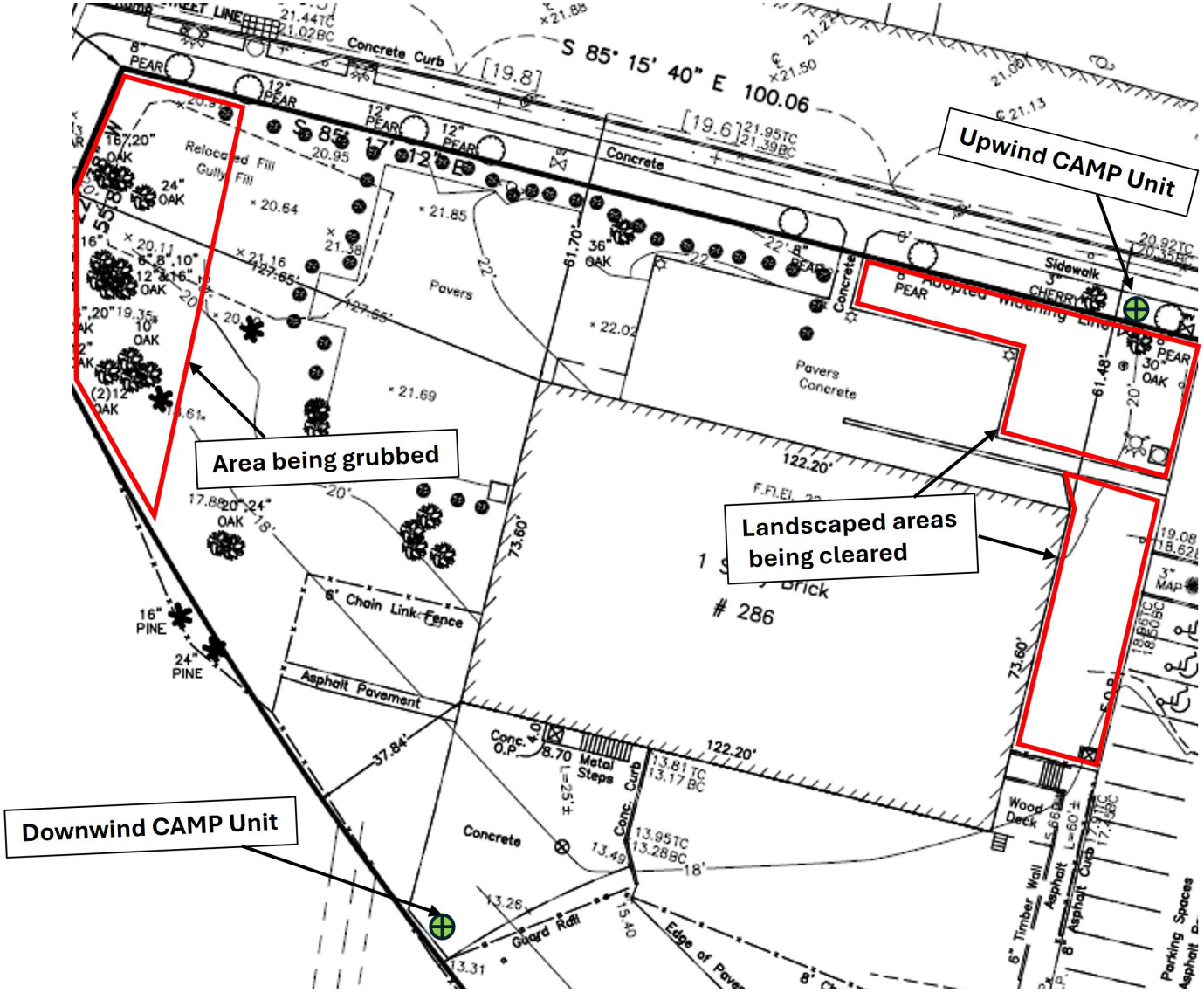
Upwind background readings: dust 0.050 µg/cm^3, VOCs 0.0 ppm.
Downwind background readings: dust 0.045 µg/cm^3, VOCs 0.0 ppm.

No exceedances, odors, or fugitive dust were observed.

Problems Encountered:
Upwind CAMP battery ran out of charge in the afternoon.

Plan for Next Day:
Begin retaining wall installation to the west of 286 Richmond Valley Road building.

Site Sketch


Upwind CAMP Unit
Area being grubbed
Landscaped areas being cleared
Downwind CAMP Unit
S 85° 15' 40" E 100.06
Concrete Curb
Concrete
Pavers
Pavers Concrete
Asphalt Pavement
6' Chain Link Fence
Guard Rail
Wood Deck
Sidewalk
286
122.20'
73.60'
61.70'
61.48'
37.84'

CAMP Readings

Time	Upwind PID	Downwind PID	Upwind Dust	Downwind Dust
8:30	0.0	0.0	0.051	0.059
8:45	0.0	0.0	0.052	0.053
9:00	0.0	0.0	0.031	0.031
9:15	0.0	0.0	0.019	0.024
9:30	0.0	0.0	0.021	0.024
9:45	0.0	0.0	0.026	0.020
10:00	0.0	0.0	0.019	0.017
10:15	0.0	0.0	0.013	0.014
10:30	0.0	0.0	0.013	0.016
10:45	0.0	0.0	0.016	0.015
11:00	0.0	0.0	0.017	0.016
11:15	0.0	0.0	0.015	0.016
11:30	0.0	0.0	0.014	0.016
11:45	0.0	0.0	0.016	0.015
12:00	0.0	0.0	0.013	0.016
12:15	Lunch Break - no readings recorded			
12:30				
12:45				
13:00	0.0	0.0	0.014	0.013
13:15	0.0	0.0	0.066	0.040
13:30	N/A	0.0	N/A	0.025
13:45	N/A	0.0	N/A	0.016
14:00	N/A	0.0	N/A	0.018
14:15	N/A	0.0	N/A	0.021
14:30	N/A	0.0	N/A	0.025
14:45	N/A	0.0	N/A	0.021

Notes: All values are shown over a 15-minute time-weighted average (TWA).
PID readings in parts per million (ppm). Dust readings in micrograms per cubic centimeter ($\mu g/cm^3$)
Yellow highlighted value exceeds the established CAMP limits.

PHOTO DOCUMENTATION



Photo 1: View of the upwind CAMP unit.



Photo 2: View of the eastern landscaped area at start of day



Photo 3: View of the eastern landscaped area after removal of plants



Photo 4: View of the northeastern landscaped area after removal of plants



Photo 5: View of the plants temporarily staged on poly sheeting



Photo 6: View of the western area being grubbed

ADVANCED SITE RESTORATION
ENVIRONMENTAL SERVICES
(A DIVISION OF LAUREL ENVIRONMENTAL GEOSCIENCES, D.P.C.)

DAILY STATUS REPORT
Prepared By: Connor Grosso

WEATHER	Snow		Rain		Overcast	X	Partly Cloudy		Bright Sun	
TEMP.	< 32		32-50		50-70	X	70-85		>85	

NYSDEC Site Number:	V-001590	Date:	11/04/2025
Project Name:	Nassau Metals OU-2, 236 Richmond Valley Rd, Staten Island, NY		

Consultant: Advanced Site Restoration 53 West Hills Road Huntington Station, NY 11746	**Tenant:** Sazon 286 Richmond Valley Road Staten Island, NY 10309
Contractor: Mammoth Construction 166 Industrial Loop Staten Island, NY 10309	**Site Safety Officer:** Art McCarthy Mammoth Construction

Work Activities Performed:

- CAMP was established upwind and downwind of the work zone. Wind was noted as 10 mph from the northwest.
- Excavation was started in the landscaped areas to the east and northeast of the 286 Richmond Valley Road building, with soils stockpiled for either future disposal or reuse, as appropriate.
- Construction of the retaining wall began to the west of 286 Richmond Valley Road building, with concrete footer being poured.

Samples Collected:

- None

Air Monitoring:
CAMP was performed for the duration of this work and consisted of two (2) units with dedicated dust monitors and PIDs placed upwind and downwind of the work zone with audible alarms. CAMP was established at 7:30am and ended at the completion of work (3:45pm). See attached table for data and attached site sketch for CAMP station location.

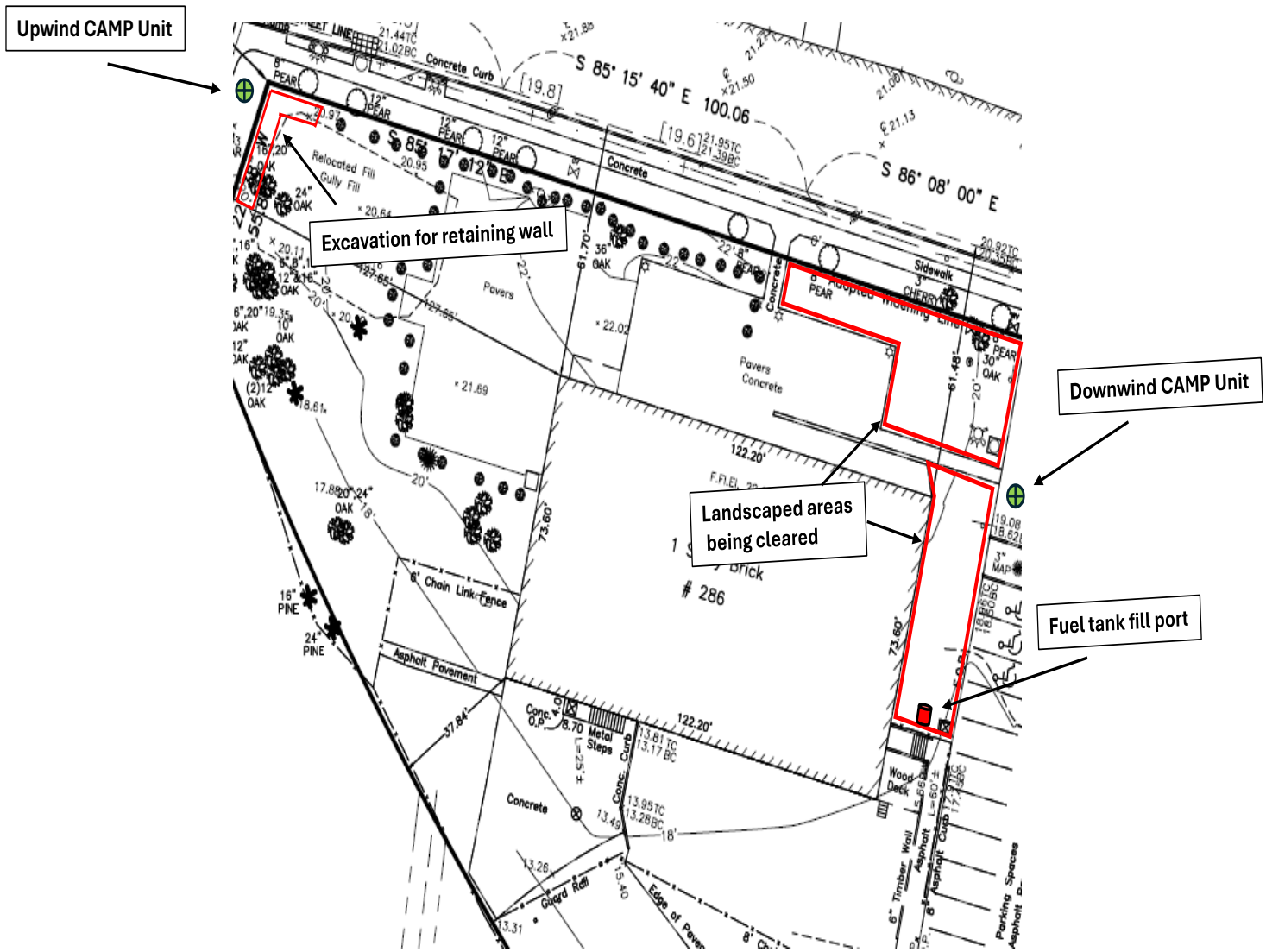
Upwind background readings: dust 0.015 µg/cm^3, VOCs 0.0 ppm.
Downwind background readings: dust 0.017 µg/cm^3, VOCs 0.0 ppm.

No exceedances, odors, or fugitive dust were observed.

Problems Encountered:
A fill port associated with a UST was discovered on the southern edge of the eastern landscaping area.

Plan for Next Day:
Continue retaining wall installation to the west of 286 Richmond Valley Road building and excavation of the landscaping areas.

Site Sketch


Upwind CAMP Unit
Excavation for retaining wall
Downwind CAMP Unit
Landscaped areas being cleared
Fuel tank fill port
S 85° 15' 40" E 100.06
S 86° 08' 00" E
Concrete Curb
Relocated Fill
Gully Fill
Pavers
Concrete
Sidewalk
Asphalt Pavement
6' Chain Link Fence
Metal Steps
Wood Deck
Guard Rail
Edge of Pave
286

CAMP Readings

Time	Upwind PID	Downwind PID	Upwind Dust	Downwind Dust
7:30	0.0	0.0	0.011	0.024
7:45	0.0	0.0	0.013	0.016
8:00	0.0	0.0	0.011	0.004
8:15	0.0	0.0	0.022	0.009
8:30	0.0	0.0	0.012	0.01
8:45	0.0	0.0	0.013	0.009
9:00	0.0	0.0	0.011	0.008
9:15	0.0	0.0	0.011	0.009
9:30	0.0	0.0	0.018	0.025
9:45	0.0	0.0	0.014	0.010
10:00	0.0	0.0	0.015	0.007
10:15	0.0	0.0	0.012	0.008
10:30	0.0	0.0	0.011	0.025
10:45	0.0	0.0	0.012	0.008
11:00	0.0	0.0	0.015	0.009
11:15	0.0	0.0	0.017	0.006
11:30	0.0	0.0	0.012	0.007
11:45	0.0	0.0	0.01	0.007
12:00	0.0	0.0	0.01	0.007
12:15	0.0	0.0	0.01	0.009
12:30	0.0	0.0	0.012	0.005
12:45	0.0	0.0	0.011	0.006
13:00	0.0	0.0	0.016	0.005
13:15	0.0	0.0	0.011	0.007
13:30	0.0	0.0	0.013	0.011
13:45	0.0	0.0	0.013	0.01
14:00	Lunch Break - No Readings Taken			
14:15				
14:30	0.0	0.0	0.012	0.008
14:45	0.0	0.0	0.015	0.014
15:00	0.0	0.0	0.017	0.023
15:15	0.0	0.0	0.014	0.012
15:30	0.0	0.0	0.01	0.013
15:45	0.0	0.0	0.012	0.019

Notes: All values are shown over a 15-minute time-weighted average (TWA).
PID readings in parts per million (ppm). Dust readings in micrograms per cubic centimeter (µg/cm^3)
Yellow highlighted value exceeds the established CAMP limits.

PHOTO DOCUMENTATION



Photo 1: View of the upwind CAMP unit.



Photo 2: View of the excavation for the retaining wall to the west of 286 Richmond



Photo 3: View of the completed excavation in the area of the sample DB-10



Photo 4: View of the excavation progress in the area of sample DB-9



Photo 5: View of the completed footer for the retaining wall



Photo 6: View of the covered contaminated soil stockpile



Photo 7: View of the discovered fill port (circled)

DAILY STATUS REPORT
Prepared By: Jamie Burgher

WEATHER	Snow		Rain		Overcast	X	Partly Cloudy		Bright Sun	
TEMP.	< 32		32-50		50-70	X	70-85		>85	

NYSDEC Site Number:	V-001590	Date:	11/05/2025
Project Name:	Nassau Metals OU-2, 236 Richmond Valley Rd, Staten Island, NY		

Consultant: Advanced Site Restoration 53 West Hills Road Huntington Station, NY 11746	**Tenant:** Sazon 286 Richmond Valley Road Staten Island, NY 10309
Contractor: Mammoth Construction 166 Industrial Loop Staten Island, NY 10309	**Site Safety Officer:** Art McCarthy Mammoth Construction

Work Activities Performed:

- CAMP was established upwind and downwind of the work zone. Wind was noted as 13 mph from the southeast.
- Planned excavation work of landscaped areas east and northeast of 286 Richmond Valley Road building was completed.
- GCL was installed in the DB-10 area, and partially installed in the DB-8 area.
- Previously discovered UST was investigated further, and appears to be located underneath the adjoining concrete stairs.
- Retaining wall construction continues west of 286 Richmond Valley Road building, with vertical forms and rebar being installed.

Samples Collected:

- None

Air Monitoring:
CAMP was performed for the duration of this work and consisted of two (2) units with dedicated dust monitors and PIDs placed upwind and downwind of the work zone with audible alarms. CAMP was established at 7:30am and ended at the completion of work (4:00pm). See attached table for data and attached site sketch for CAMP station location.

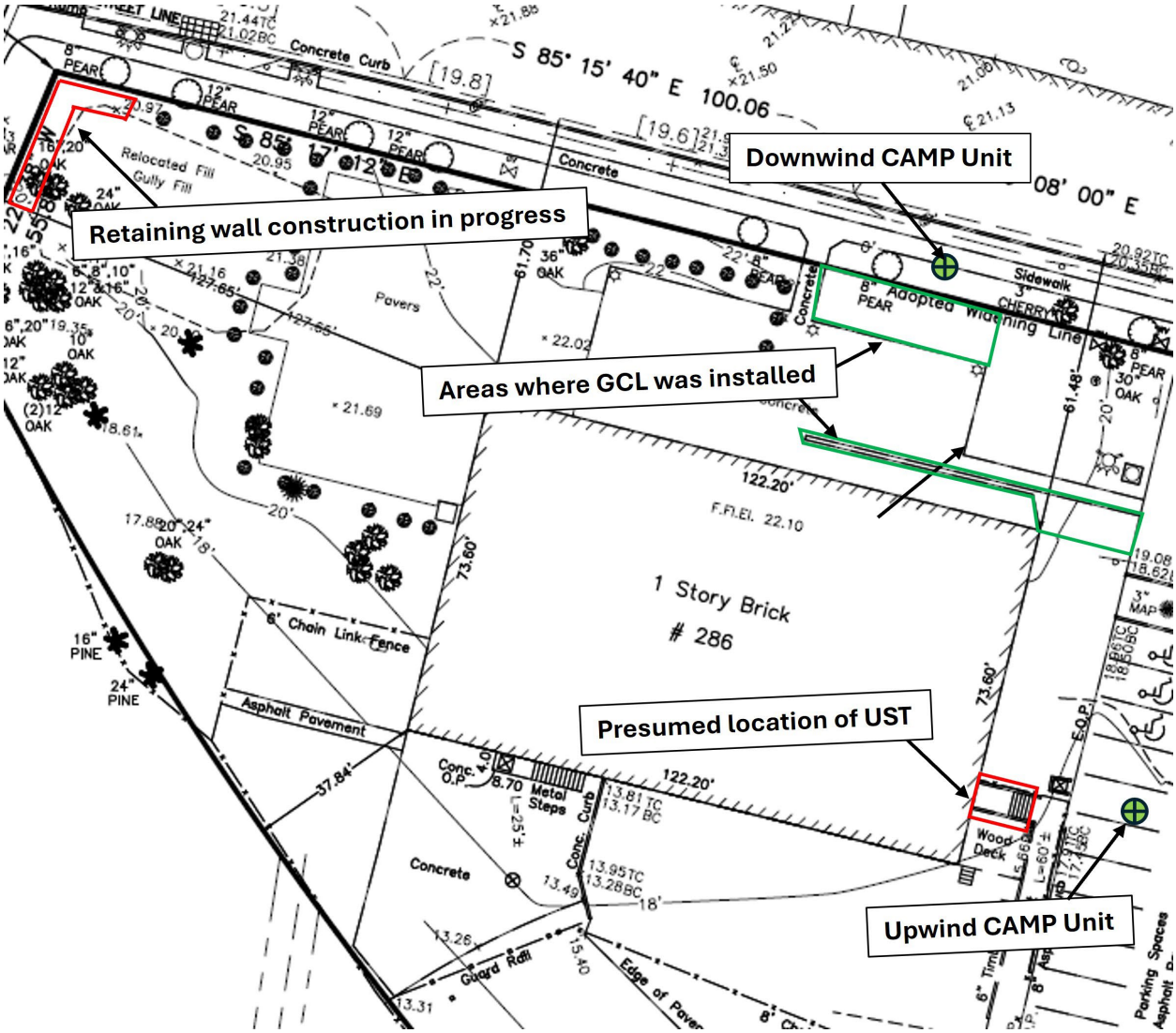
Upwind background readings: dust 0.011 µg/cm^3, VOCs 0.0 ppm.
Downwind background readings: dust 0.010 µg/cm^3, VOCs 0.0 ppm.

No exceedances, odors, or fugitive dust were observed.

Problems Encountered:
None.

Plan for Next Day:
Continue installation of GCL and backfill the DB-8 and DB-10 areas where possible. Continue construction work on the retaining wall.

Site Sketch



CAMP Readings

Time	Upwind PID	Downwind PID	Upwind Dust	Downwind Dust
7:30	0.0	0.0	0.025	0.023
7:45	0.0	0.0	0.022	0.028
8:00	0.0	0.0	0.009	0.019
8:15	0.0	0.0	0.009	0.023
8:30	0.0	0.0	0.012	0.026
8:45	0.0	0.0	0.012	0.028
9:00	0.0	0.0	0.012	0.011
9:15	0.0	0.0	0.011	0.010
9:30	0.0	0.0	0.009	0.008
9:45	0.0	0.0	0.007	0.006
10:00	0.0	0.0	0.015	0.006
10:15	0.0	0.0	0.007	0.005
10:30	0.0	0.0	0.012	0.011
10:45	0.0	0.0	0.029	0.025
11:00	0.0	0.0	0.025	0.025
11:15	0.0	0.0	0.011	0.029
11:30	0.0	0.0	0.008	0.012
11:45	0.0	0.0	0.009	0.007
12:00	0.0	0.0	0.008	0.009
12:15	0.0	0.0	0.010	0.010
12:30	0.0	0.0	0.011	0.010
12:45	0.0	0.0	0.008	0.010
13:00	0.0	0.0	0.006	0.011
13:15	0.0	0.0	0.006	0.011
13:30	0.0	0.0	0.005	0.014
13:45	0.0	0.0	0.006	0.009
14:00	0.0	0.0	0.008	0.011
14:15	0.0	0.0	0.007	0.014
14:30	0.0	0.0	0.013	0.012
14:45	0.0	0.0	0.010	0.011
15:00	0.0	0.0	0.012	0.011
15:15	0.0	0.0	0.012	0.013
15:30	0.0	0.0	0.012	0.012
15:45	0.0	0.0	0.011	0.011
16:00	0.0	0.0	0.013	0.010

Notes: All values are shown over a 15-minute time-weighted average (TWA).
PID readings in parts per million (ppm). Dust readings in micrograms per cubic centimeter ($\mu g/cm^3$)
Yellow highlighted value exceeds the established CAMP limits.

PHOTO DOCUMENTATION



Photo 1: View of the upwind CAMP unit



Photo 2: View of the excavation of DB-8 area east of 286 Richmond Valley Road



Photo 3: View of the excavated DB-8 soil being covered after excavation



Photo 4: View of the excavated DB-7 and DB-8 area east of 286 Richmond Valley Road



Photo 5: View of the discovered UST area with fill pipe going underneath the stairs



Photo 6: View of the GCL being installed in DB-10 area



Photo 7: View of the GCL being installed in the DB-8 area



Photo 8: View of the retaining wall footers completed



Photo 8: View of the retaining wall forms being installed



Photo 9: View of the retaining wall forms at end of day



Photo 10: View of the contaminated soil stockpile covered at end of day

ADVANCED SITE RESTORATION
ENVIRONMENTAL SERVICES
(A DIVISION OF LAUREL ENVIRONMENTAL GEOSCIENCES, D.P.C.)

DAILY STATUS REPORT
Prepared By: Barbara Lunz

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	
TEMP.	< 32		32-50		50-70	X	70-85		>85	

NYSDEC Site Number:	V-001590	Date:	11/06/2025
Project Name:	Nassau Metals OU-2, 236 Richmond Valley Rd, Staten Island, NY		

Consultant: Advanced Site Restoration 53 West Hills Road Huntington Station, NY 11746	**Tenant:** Sazon 286 Richmond Valley Road Staten Island, NY 10309
Contractor: Mammoth Construction 166 Industrial Loop Staten Island, NY 10309	**Site Safety Officer:** Art McCarthy Mammoth Construction

Work Activities Performed:

- CAMP was established upwind and downwind of the work zone. Wind was noted as 14 mph from the northwest.
- Retaining wall construction continued, with concrete poured in the finished concrete forms.
- Panel installation was completed along the existing chain link fence west of the building.
- In the DB-8 area, GCL installation was completed.
- The staircase above the location of the suspect UST was removed, and no UST was found. The remote fill pipe was located underneath the stairs and determined to head southward. The remote fill pipe was pulled from the ground via excavator; the pipe was measured and found to be 14.5 feet in length, which corresponds with the approximate southern end of the wooden deck located off the southeast corner of the 286 Richmond Valley Road building (see attached site sketch).
- The area underneath the deck was visually inspected and no evidence of the UST was found.
- An approximate 3-foot-deep hole was dug via shovel, but nothing was found.

Samples Collected:

- None

Air Monitoring:
CAMP was performed for the duration of this work and consisted of two (2) units with dedicated dust monitors and PIDs placed upwind and downwind of the work zone with audible alarms. CAMP was established at 7:15am and ended at the completion of work (3:30pm). See attached table for data and attached site sketch for CAMP station location.

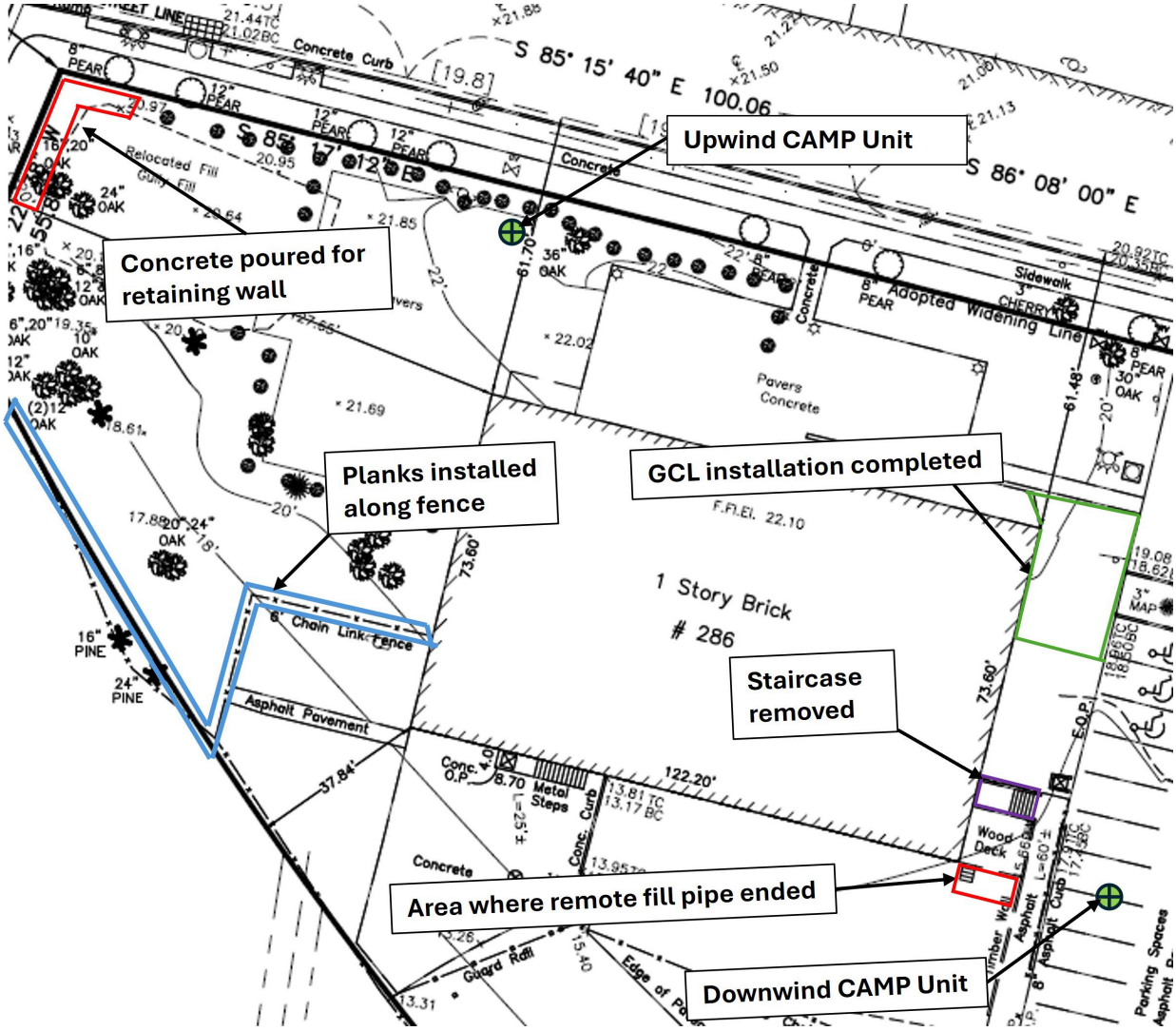
Upwind background readings: dust 0.003 µg/cm^3, VOCs 0.0 ppm.
Downwind background readings: dust 0.003 µg/cm^3, VOCs 0.0 ppm.

No exceedances, odors, or fugitive dust were observed.

Problems Encountered:
None.

Plan for Next Day(s):
Friday: Remove concrete forms, no ground intrusive work planned.
Monday: GPR survey to look for UST.
Tuesday: Resume ground intrusive activities, and transport soil for off-site disposal.

Site Sketch



CAMP Readings

Time	Upwind PID	Downwind PID	Upwind Dust	Downwind Dust
7:15	0.0	0.0	0.003	0.005
7:30	0.0	0.0	0.003	0.004
7:45	0.0	0.0	0.007	0.004
8:00	0.0	0.0	0.004	0.003
8:15	0.0	0.0	0.002	0.003
8:30	0.0	0.0	0.004	0.004
8:45	0.0	0.0	0.006	0.002
9:00	0.0	0.0	0.005	0.002
9:15	0.0	0.0	0.005	0.003
9:30	0.0	0.0	0.004	0.004
9:45	0.0	0.0	0.001	0.004
10:00	0.0	0.0	0.012	0.003
10:15	0.0	0.0	0.008	0.003
10:30	0.0	0.0	0.010	0.003
10:45	0.0	0.0	0.025	0.004
11:00	0.0	0.0	0.007	0.004
11:15	0.0	0.0	0.003	0.003
11:30	0.0	0.0	0.004	0.004
11:45	0.0	0.0	0.002	0.011
12:00	0.0	0.0	0.003	0.004
12:15	0.0	0.0	0.002	0.010
12:30	0.0	0.0	0.008	0.012
12:45	0.0	0.0	0.007	0.011
13:00	0.0	0.0	0.005	0.004
13:15	0.0	0.0	0.005	0.003
13:30	0.0	0.0	0.007	0.001
13:45	0.0	0.0	0.008	0.011
14:00	0.0	0.0	0.004	0.005
14:15	0.0	0.0	0.002	0.002
14:30	0.0	0.0	0.005	0.003
14:45	0.0	0.0	0.004	0.003
15:00	0.0	0.0	0.008	0.006
15:15	0.0	0.0	0.009	0.015
15:30	0.0	0.0	0.005	0.005

Notes: All values are shown over a 15-minute time-weighted average (TWA).
PID readings in parts per million (ppm). Dust readings in micrograms per cubic centimeter (µg/cm^3)
Yellow highlighted value exceeds the established CAMP limits.

PHOTO DOCUMENTATION



Photo 1: View of the downwind CAMP unit



Photo 2: View of the concrete being poured for the retaining wall.



Photo 3: View of plank installation along the existing chain link fence.



Photo 4: View of GCL installation in progress in the DB-8 area.



Photo 5: View of staircase removed and the extension of the remote fill line extending southward.



Photo 6: View of the approximate termination point of the remote fill line and the new suspect UST location (boxed in red).



Photo 7: View of workers inspecting under wooden deck for evidence of the UST



Photo 8: View of the approximate 3 foot hole dug in the suspect location of the UST.



Photo 9: View of the contaminated stockpile covered at the end of the day.

ADVANCED SITE RESTORATION
ENVIRONMENTAL SERVICES
(A DIVISION OF LAUREL ENVIRONMENTAL GEOSCIENCES, D.P.C.)

DAILY STATUS REPORT
Prepared By: Barbara Lunz

WEATHER	Snow	X	Rain		Overcast		Partly Cloudy	X	Bright Sun	
TEMP.	< 32		32-50	X	50-70		70-85		>85	

NYSDEC Site Number:	V-001590	Date:	11/11/2025
Project Name:	Nassau Metals OU-2, 236 Richmond Valley Rd, Staten Island, NY		

Consultant: Advanced Site Restoration 53 West Hills Road Huntington Station, NY 11746	**Tenant:** Sazon 286 Richmond Valley Road Staten Island, NY 10309
Contractor: Mammoth Construction 166 Industrial Loop Staten Island, NY 10309	**Site Safety Officer:** Art McCarthy Mammoth Construction

Work Activities Performed:

- CAMP was established upwind and downwind of the work zone. Wind was noted as 18 mph from the west.
- Three (3) truckloads of soil from the contaminated soil stockpile were exported from the site and taken to the Posillico Wash Plant, in Farmingdale, NY.
- Retaining wall construction continued and completed, with all concrete forms stripped and removed from the site.
- The top layer of soil and vegetation in the gully area west of the 286 Richmond Valley Road building was excavated and stockpiled on poly.
- Endpoint soil samples were collected in the 0 to 6-inch interval immediately below the former UST fill port and remote fill piping termination point.

Samples Collected:

- FP (sample beneath the fill port, over soil)
- Pipe_end (sample at fill pipe termination point)

Air Monitoring:

CAMP was performed for the duration of this work and consisted of two (2) units with dedicated dust monitors and PIDs placed upwind and downwind of the work zone with audible alarms. CAMP was established at 7:45am and ended at the completion of work (12:30pm). See attached table for data and attached site sketch for CAMP station location.

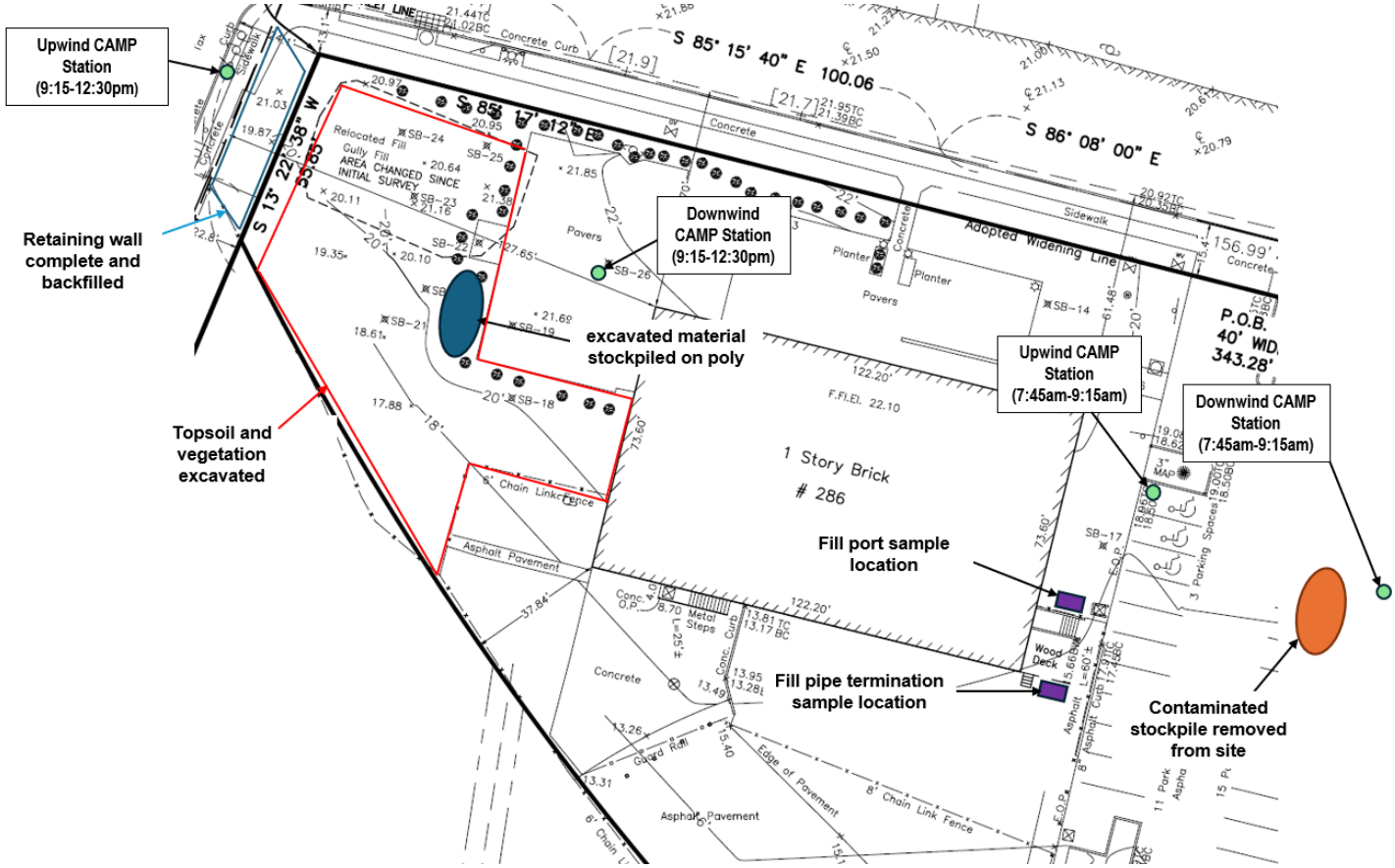
Upwind background readings: dust 0.003 µg/cm^3, VOCs 0.0 ppm.
Downwind background readings: dust 0.004 µg/cm^3, VOCs 0.0 ppm.

No exceedances, odors, or fugitive dust were observed.

Problems Encountered:
None.

Plan for Next Day(s):
No work planned for until soil import is approved.

Site Sketch



CAMP Readings

Time	Upwind PID	Downwind PID	Upwind Dust	Downwind Dust
7:45	0.0	0.0	0.004	0.020
8:00	0.0	0.0	0.007	0.008
8:15	0.0	0.0	0.006	0.010
8:30	0.0	0.0	0.004	0.008
8:45	0.0	0.0	0.003	0.020
9:00	0.0	0.0	0.040	0.025
9:15	0.0	0.0	0.004	0.018
9:30	0.0	0.0	0.004	0.015
9:45	0.0	0.0	0.004	0.005
10:00	0.0	0.0	0.005	0.016
10:15	0.0	0.0	0.005	0.004
10:30	0.0	0.0	0.003	0.004
10:45	0.0	0.0	0.004	0.004
11:00	0.0	0.0	0.005	0.007
11:15	0.0	0.0	0.007	0.006
11:30	0.0	0.0	0.005	0.005
11:45	0.0	0.0	0.006	0.012
12:00	0.0	0.0	0.004	0.015
12:15	0.0	0.0	0.002	0.010
12:30	0.0	0.0	0.004	0.007

Notes: All values are shown over a 15-minute time-weighted average (TWA).
PID readings in parts per million (ppm). Dust readings in micrograms per cubic centimeter ($\mu g/cm^3$)
Yellow highlighted value exceeds the established CAMP limits.

PHOTO DOCUMENTATION



Photo 1: View of the upwind CAMP unit



Photo 2: View of soil being loaded into the trucks.



Photo 3: View excavation of topsoil and vegetation in the gully area west of the building.



Photo 4: View of topsoil and vegetation being added to the stockpile west of the building.



Photo 5: View of concrete form removal.



Photo 6: View of the parking lot after the contaminated stockpile was removed.



Photo 7: View of excavated material in the gully area west of the building stockpiled on poly and covered with tarps at the end of the workday.

ADVANCED SITE RESTORATION, LLC

ENVIRONMENTAL SERVICES

DAILY STATUS REPORT
Prepared By: Connor Grosso

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	
TEMP.	< 32		32-50	X	50-70		70-85		>85	

NYSDEC Project Number:	V-001590	Date:	11/26/2025
Project Name:	Nassau Metals OU-2		

Consultant: Mr. Scott Yanuck Advanced Site Restoration, LLC 53 West Hills Road Huntington Station, NY 11746 631.673.0612	**Tenant:** 236 Richmond Valley Road Staten Island, NY 10309
Contractor: N/A	Block: 7971 Lot: 250

Work Activities Performed:

- CAMP monitoring was established upwind and downwind of the work zone.
- The dumped soil and construction and demolition debris, located to the west of the pickeball courts, was sampled for waste characterization purposes. Sampling was performed with a stainless steel hand auger by removing soils from five different locations in the stockpile to collect both a grab sample and a five-point composite sample. No obvious signs of contamination were noted during sampling.

Samples Collected:
Grab-1, Composite-1

Air Monitoring:
CAMP was performed for the duration of this project. See attached table and attached site sketch.

No exceedances of the CAMP limits occurred, and no fugitive dust was observed.

Problems Encountered:
No problems were encountered during the waste characterization sampling.

Planned Activities for the Next Week:
Work is on holding pending NYSDEC approval of soil import request.

Site Sketch


(12:25 – 12:40)
(12:25 – 12:40)
KEY
Building
Workzone
Upwind CAMP Unit
Downwind CAMP Unit

CAMP Readings

Time	Upwind Dust	Downwind Dust	Upwind PID	Downwind PID
12:25	0.042	0.041	0	0
12:40	0.042	0.039	0	0

NOTE: Dust readings are in micrograms per cubic meter (mcg/m^3), and PID readings are in parts per million (ppm)

PHOTO DOCUMENTATION



View of the area of dumped soil and c&d debris



View of the upwind CAMP Unit



View of the downwind CAMP Unit



Representative view of the soil sampled for waste characterization purposes

DAILY STATUS REPORT
Prepared By: Connor Grosso

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	
TEMP.	< 32	X	32-50		50-70		70-85		>85	

NYSDEC Project Number:	V-001590	Date:	12/09/2025
Project Name:	Nassau Metals OU-2		

Consultant: Mr. Scott Yanuck Advanced Site Restoration, LLC 53 West Hills Road Huntington Station, NY 11746 631.673.0612	**Tenant:** Sazon 286 Richmond Valley Road Staten Island, NY 10309
Contractor: Mammoth Construction 166 Industrial Loop Staten Island, NY 10309	**Site Safety Officer:** Art McCarthy Mammoth Construction

Work Activities Performed:

- CAMP monitoring was established upwind and downwind of the work zone.
- Twenty-three (23) trucks imported pre-approved soil from South Shore Recycling to the Site for use in backfilling.
- A demarcation barrier was installed in the area to the northwest of the 286 Richmond Valley Road building, and the area was backfilled with imported soil.
- GCL was installed in the planting beds to the east and northeast of the 286 Richmond Valley Road building that had soil removed from the Site, and soil was also backfilled on top of that in order to replant vegetation and repair the cap at the Site.
- Corrective Actions work at 286 Richmond Valley Road has been completed.

Samples Collected:
N/A

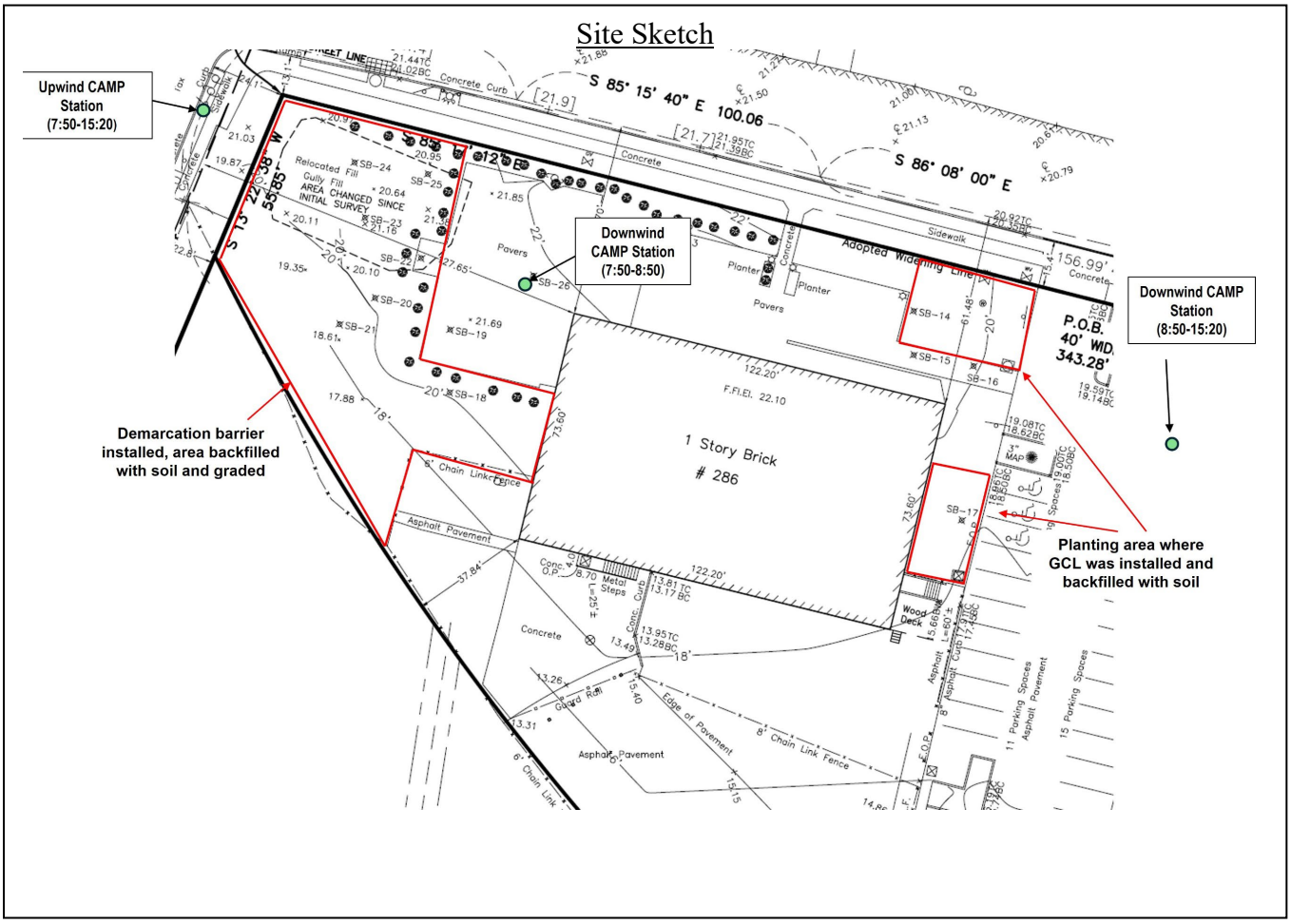
Air Monitoring:
CAMP was performed for the duration of this project. See attached table and attached site sketch.

No exceedances of the CAMP limits occurred, and no fugitive dust was observed.

Problems Encountered:
No problems were encountered during the backfilling and grading.

Planned Activities for the Next Month:
Dumped material at 236 Richmond Valley Road will be exported upon receipt of waste characterization data. The monthly inspection for December will occur later this month.

Site Sketch


Upwind CAMP Station (7:50-15:20)
Downwind CAMP Station (7:50-8:50)
Downwind CAMP Station (8:50-15:20)
Demarcation barrier installed, area backfilled with soil and graded
Planting area where GCL was installed and backfilled with soil
1 Story Brick
286
S 85° 15' 40" E 100.06
S 86° 08' 00" E
S 13° 22' 38" W 55.85'
Adopted Widening Line
P.O.B.
40' WID.
343.28'
156.99'
122.20'
F.F.El. 22.10
Asphalt Pavement
Concrete
Pavers
Planter
Sidewalk
6' Chain Link Fence
8' Chain Link Fence
Edge of Pavement
Wood Deck
Metal Steps
11 Parking Spaces
15 Parking Spaces
Relocated Fill
Gully Fill
AREA CHANGED SINCE INITIAL SURVEY

CAMP Readings

Time	Upwind Dust	Downwind Dust	Upwind PID	Downwind PID
7:50	0.012	0.015	0	0
8:05	0.014	0.016	0	0
8:20	0.011	0.009	0	0
8:35	0.012	0.009	0	0
8:50	0.016	0.008	0	0
9:05	0.010	0.007	0	0
9:20	0.015	0.009	0	0
9:35	0.017	0.014	0	0
9:50	0.018	0.013	0	0
10:05	0.016	0.011	0	0
10:20	0.014	0.009	0	0
10:35	0.013	0.010	0	0
10:50	0.012	0.011	0	0
11:05	0.012	0.011	0	0
11:20	0.026	0.013	0	0
11:35	0.010	0.009	0	0
11:50	0.008	0.010	0	0
12:05	0.011	0.008	0	0
12:20	0.012	0.009	0	0
12:35	Lunch	Lunch	Lunch	Lunch
12:50	Lunch	Lunch	Lunch	Lunch
13:05	0.011	0.006	0	0
13:20	0.013	0.014	0	0
13:35	0.015	0.012	0	0
13:50	0.013	0.007	0	0
14:05	0.010	0.006	0	0
14:20	0.008	0.008	0	0
14:35	0.009	0.008	0	0
14:50	0.012	0.009	0	0
15:05	0.010	0.008	0	0
15:20	0..012	0.013	0	0

NOTE: Dust readings are in micrograms per cubic meter (mcg/m^3), and PID readings are in parts per million (ppm)

PHOTO DOCUMENTATION



View of the upwind CAMP Unit



View of the downwind CAMP Unit from 7:50-8:50



View of the downwind CAMP Unit from 8:50-15:20



View of regrading performed northwest of the building



View of soil being imported and placed over the installed demarcation barrier



View of the GCL laid out prior to backfilling the planting beds east of the building



View of the planting beds post backfill



View of soil backfill on top of installed GCL northeast of the building



View of planting beds being replanted with vegetation



View of backfilled and graded area to the northwest of the building

ADVANCED SITE RESTORATION, LLC

ENVIRONMENTAL SERVICES

DAILY STATUS REPORT
Prepared By: Connor Grosso

WEATHER	Snow		Rain		Overcast	X	Partly Cloudy		Bright Sun	
TEMP.	< 32		32-50	X	50-70		70-85		>85	

NYSDEC Project Number:	V-001590	Date:	01/07/2026
Project Name:	Nassau Metals OU-2		

Consultant: Mr. Scott Yanuck Advanced Site Restoration, LLC 53 West Hills Road Huntington Station, NY 11746 631.673.0612	**Tenant:** Premiere Pickleball 236 Richmond Valley Road Staten Island, NY 10309
Contractor: Mammoth, Inc. 166 Industrial Loop, 1st Fl. Staten Island, NY 10309	Block: 7971 Lot: 250

Work Activities Performed:

Disposal of imported soil

- Mammoth performed the excavation of the dumped soil and c&d debris using a front loader. The surficial soil was scraped to match the surrounding (undisturbed) grade to avoid disturbing the pre-existing cap. A truck from East End Bulk transported the estimated 5-6 tons of soil to the Interstate Waste Services transfer station, located in Kearny, NJ, with final destination of Apex Sanitary Landfill, located in Amsterdam, Ohio.

Samples Collected:
No samples were collected during the loading of soil for disposal.

Air Monitoring:
CAMP was performed for the duration of this project. See attached table and attached site sketch.

No exceedances of the CAMP limits occurred, and no fugitive dust was observed.

Problems Encountered:
No problems were encountered.

Planned Activities for the Month:
Monthly inspection will be performed around the end of January.
The revised Corrective Actions report will be submitted by February 27.

Site Sketch



CAMP Readings

Time	Upwind Dust	Upwind PID	Downwind Dust	Downwind PID
8:10	0.076	0	0.074	0
8:25	0.078	0	0.075	0
8:40	0.075	0	0.076	0

NOTE: Dust readings are in micrograms per cubic meter (mcg/m^3), and PID readings are in parts per million (ppm)

PHOTO DOCUMENTATION



View of the dumped material prior to removal



View of the upwind CAMP unit



View of the downwind CAMP unit



View of the front loader transferring the dumped material into the truck



View of the area after all of the dumped material was removed

APPENDIX C

Photo Log

SUBSURFACE INVESTIGATION – 158 PAGE AVENUE



Photo 1: View of soil-boring location SB-1 (circled), as seen on October 21, 2024.



Photo 2: View of the soil cores retrieved from SB-1



Photo 3: View of soil-boring location SB-2, as seen on October 21, 2024.



Photo 4: View of soil-boring location SB-3, as seen on October 21, 2024.



Photo 5: View of the soil cores retrieved from SB-3



Photo 6: View of soil-boring location SB-4 (circled) , as seen on October 21, 2024.



Photo 7: View of the soils retrieved from SB-4



Photo 8: View of soil-boring location SB-5 (circled) and the soils retrieved from it, as seen on October 21, 2024.



Photo 9: View of soil-boring location SB-6 (circled) and the soils retrieved from it, as seen on October 21, 2024.



Photo 10: View of the demarcation barrier found at approximately 8 inches bgs in SB-6



Photo 11: View of soil-boring location SB-7, as seen on October 21, 2024.



Photo 12: View of soil cores retrieved from SB-7



Photo 13: View of soil-boring location SB-8 (circled), as seen on October 21, 2024.



Photo 14: View of the soil cores retrieved from SB-8



Photo 15: View of soil-boring location SB-9 (circled), as seen on October 21, 2024.



Photo 16: View of the soil cores retrieved from SB-9



Photo 17: View of soil-boring location SB-X, as seen on October 21, 2024.



Photo 18: View of the soil cores retrieved from SB-X



Photo 19: View of soil-boring location SB-10, as seen on October 21, 2024.

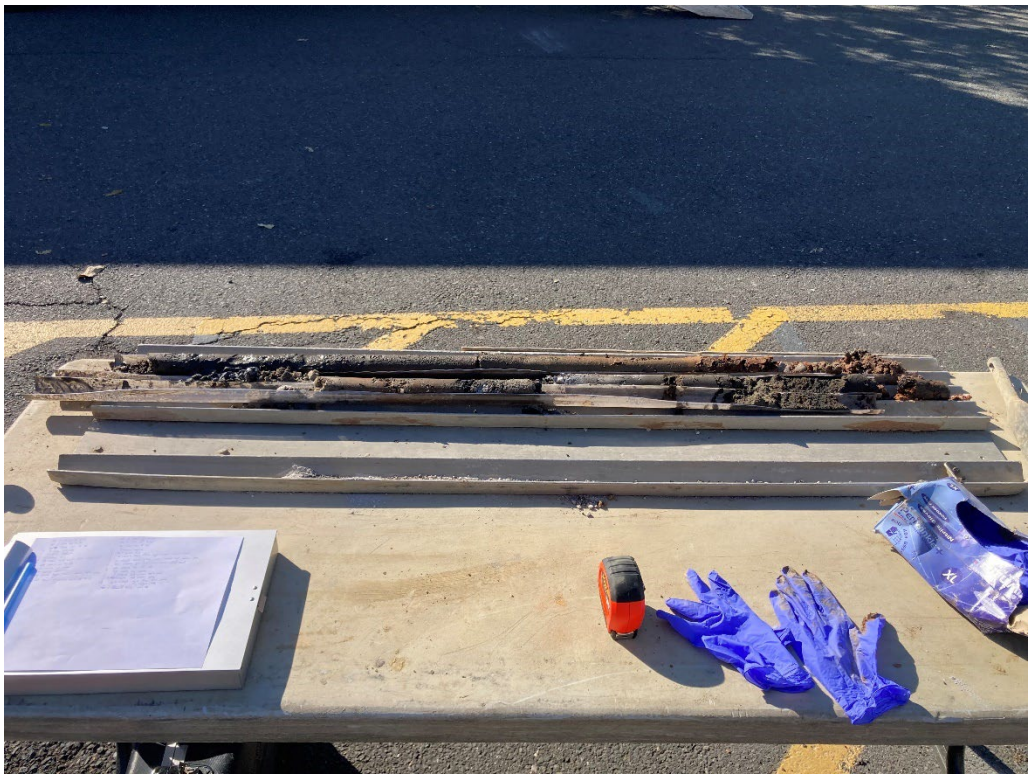


Photo 20: View of the soil cores retrieved from SB-10



Photo 21: View of soil-boring location SB-11, as seen on October 21, 2024.



Photo 22: View of the soil cores retrieved from SB-11



Photo 23: View of soil-boring location SB-12, as seen on October 21, 2024.



Photo 24: View of the soil cores retrieved from SB-12

SUBSURFACE INVESTIGATION – 286 RICHMOND VALLEY ROAD



Photo 25: View of soil-boring location SB-13 (circled), as seen on October 22, 2024



Photo 26: View of soil cores retrieved from SB-13



Photo 27: View of soil-boring location SB-14 (circled), as seen on October 22, 2024



Photo 28: View of soil cores retrieved from SB-14



Photo 29: View of soil-boring location SB-15, as seen on October 22, 2024



Photo 30: View of the soil cores retrieved from SB-15 with observed contamination (circled)



Photo 31: View of soil-boring location SB-16, as seen on October 22, 2024



Photo 32: View of soil-boring location SB-17 (circled), as seen on October 22, 2024



Photo 33: View of the soil cores retrieved from SB-17 with observed contamination (circled)



Photo 34: View of soil-boring location SB-18 (circled), as seen on October 22, 2024



Photo 35: View of the soils retrieved from SB-18 with historical mulch layer (circled)



Photo 36: View of soil-boring location SB-19 (circled), as seen on October 22, 2024



Photo 37: View of the soil cores retrieved from SB-19



Photo 38: View of soil-boring location SB-20 (circled), as seen on October 22, 2024



Photo 39: View of the soil cores retrieved from SB-20



Photo 40: View of soil-boring location SB-21 (circled), as seen on October 22, 2024



Photo 41: View of soil cores retrieved from SB-21 with historical mulch layer (circled)



Photo 42: View of soil-boring location SB-22 (circled), as seen on October 22, 2024



Photo 43: View of the soil cores retrieved from SB-22 with relocated contaminated fill material (circled)



Photo 44: View of soil-boring location SB-23 (circled), as seen on October 22, 2024



Photo 45: View of the soil cores retrieved from SB-23 with historical mulch layer (circled)



Photo 46: View of soil-boring location SB-24 (circled), as seen on October 22, 2024



Photo 47: View of the soil cores retrieved from SB-24 with historical mulch layer (circled)



Photo 48: View of soil-boring location SB-25 (circled), as seen on October 22, 2024



Photo 49: View of the soil cores retrieved from SB-25



Photo 50: View of soil-boring location SB-26 (circled), as seen on October 22, 2024



Photo 51: View of the soil cores retrieved from SB-26

CORRECTIVE ACTIONS – 158 PAGE AVENUE



Photo 52: View of the delineation boring location DB-1 (circled), as seen on July 7, 2025



Photo 53: View of the delineation boring location DB-2 (circled), as seen on July 7, 2025



Photo 54: View of the delineation boring location DB-3 (circled), as seen on July 7, 2025



Photo 55: View of the delineation boring location DB-4 (circled), as seen on July 7, 2025



Photo 56: View of the delineation boring location DB-5 (circled), as seen on July 7, 2025



Photo 57: View of the delineation boring location DB-6 (circled), as seen on July 7, 2025



Photo 58: View of the disturbed GCL capping system area, as seen on July 7, 2025



Photo 59: View of depth to damaged demarcation barrier in GCL capping system, as seen on July 7, 2025



Photo 60: View of area where GCL capping system remained intact, as seen on July 7, 2025



Photo 61: View of depth to the top of GCL fabric, as seen on July 7, 2025



Photo 62: View of retaining wall being constructed, as seen on July 11, 2025



Photo 63: View of GCL fabric being installed, as seen on July 14, 2025



Photo 64: View of certified clean fill being imported, as seen on July 17, 2025



Photo 65: View of contaminated soil being excavated, as seen on July 18, 2025



Photo 66: View of contaminated soil being stockpiled, as seen on July 18, 2025



Photo 67: View of GCL installed in landscape capping system, as seen on July 18, 2025



Photo 68: View of landscape capping system restored with clean fill, as seen on July 18, 2025



Photo 69: View of landscape capping system being replanted, as seen on July 21, 2025



Photo 70: View of the GCL capping system restored, as seen on July 28, 2025



Photo 71: View of contaminated soil loadout completed, as seen on September 2, 2025

CORRECTIVE ACTIONS – 286 RICHMOND VALLEY ROAD



Photo 72: View of DB-7 and DB-8 area, as seen on November 3, 2025



Photo 73: View of DB-9 and DB-10 area after removal of shrubbery, as seen on November 3, 2025



Photo 74: View of the gully fill area, as seen on November 3, 2025



Photo 75: View of the concrete retaining wall for the gully fill area, as seen on November 4, 2025



Photo 76: View of the discovered fill line (circled), as seen on November 4, 2025



Photo 77: View of the contaminated soil stockpile, as seen on November 4, 2025



Photo 78: View of the fill line being investigated, as seen on November 5, 2025



Photo 79: View of the GCL being installed at DB-10, as seen on November 5, 2025



Photo 80: View of the GCL being installed at DB-8, as seen on November 6, 2025



Photo 81: View of the staircase and fill line being removed, as seen on November 6, 2025



Photo 82: View of the geophysical survey looking for a UST, as seen on November 10, 2025



Photo 83: View of the contaminated soil being loaded out, as seen on November 11, 2025



Photo 84: View of the contaminated soil removed from the site, as seen on November 11, 2025



Photo 85: View of the concrete retaining wall for the gully fill area, as seen on November 11, 2025



Photo 86: View of the GCL being installed at DB-7, as seen on December 9, 2025



Photo 87: View of the GCL being installed at DB-9, as seen on December 9, 2025



Photo 88: View of the clean backfill being delivered to the site, as seen on December 9, 2025



Photo 89: View of the demarcation barrier installed in the gully fill area, as seen on December 9, 2025



Photo 90: View of the restored gully fill capping system, as seen on December 9, 2025



Photo 91: View of the restored landscape capping system, as seen on December 9, 2025

CORRECTIVE ACTIONS – 236 RICHMOND VALLEY ROAD



Photo 92: View of the dumped soil and mixed c&d debris, as seen on January 7, 2026



Photo 93: View of the dumped material being loaded out, as seen on January 7, 2026



Photo 94: View of the area after removal of dumped material, as seen on January 7, 2026

APPENDIX D

Soil Boring Logs

Laurel Environmental Geosciences DPC	**Client:** Best Equities LLC **Project:** Nassau Metals OU-2 **Address:** 158 Paige Avenue, Staten Island, NY	**BORING LOG** **Boring No.** SB-1 **Page:** 1 of 1

Drilling Start Date:	**10/21/2024 12:56**	Boring Depth (ft):	**10**
Drilling End Date:	**10/21/2024 13:03**	Boring Diameter (in):	**2.0**
Drilling Company:	**EPhase 2**	Sampling Method(s):	**Grab**
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**N/A**
Drilling Equipment:	**GeoProbe 6712DT**	DTW After Drilling (ft):	**N/A**
Driller:	**Lukas Reiss**	Ground Surface Elev. (ft):	**N/A**
Logged By:	**Connor Grosso**	Location (Lat, Long):	**N/A**

DEPTH (ft)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	COLLECT: Sample Type	COLLECT: Time	COLLECT: Blow Counts	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample	DEPTH (ft)
0				GR			3.30	(0') Mulch - 4.5 inches (0.40') Poorly graded SAND (SP); mostly fine-medium grained sand, brown, contains chucks of wood - 16.5 inches	0 0 0 0	Paige Avenue Composite Mulch SB-1_6"_Top Paige Avenue Composite Top Soil	0
								(2.00') Fill: intermixed with dark brown medium grained sand - 27 inches			
								(4.00') Poorly graded SAND (SP); mostly fine-medium grained sand, dark brown, - 12 inches			
5				GR			3.45	(5.00') Poorly graded SAND (SP); mostly fine grained sand, few silt, moist, gray, - 25 inches			5
								(7.20') Poorly graded SAND (SP); mostly fine grained sand, trace silt, moist, brown, - 7 inches (7.80') Poorly graded SAND (SP); mostly fine-medium grained sand, trace silt, dense, reddish-brown, - 20 inches			
10								(9.40') Lean CLAY (CL); mostly clay, soft, brown, - 8 inches			10

NOTES:

Laurel Environmental Geosciences DPC	**Client:** Best Equities LLC **Project:** Nassau Metals OU-2 **Address:** 158 Paige Avenue, Staten Island, NY	**BORING LOG** **Boring No.** SB-2 **Page:** 1 of 1

Drilling Start Date:	**10/21/2024 13:16**	Boring Depth (ft):	**10**
Drilling End Date:	**10/21/2024 13:23**	Boring Diameter (in):	**2.0**
Drilling Company:	**EPhase 2**	Sampling Method(s):	**Grab**
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**N/A**
Drilling Equipment:	**GeoProbe 6712DT**	DTW After Drilling (ft):	**N/A**
Driller:	**Lukas Reiss**	Ground Surface Elev. (ft):	**N/A**
Logged By:	**Connor Grosso**	Location (Lat, Long):	**N/A**

DEPTH (ft)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	COLLECT: Sample Type	COLLECT: Time	COLLECT: Blow Counts	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample	DEPTH (ft)
0				GR			3.70	(0.00') Concrete: - 8 inches (0.80') Fill: intermixed with brown medium grained sand, - 11 inches (1.80') Poorly graded SAND (SP); mostly fine-medium grained sand, trace silt, moist, brown, - 10 inches (2.60') Fill: Intermixed with poorly graded SAND (SP); mostly fine-medium grained sand, trace silt, brown, - 11 inches (3.60') Poorly graded SAND (SP); mostly fine-medium grained sand, brown/black, - 20 inches			0
5				GR			5.00	(5.00') Silty SAND (SM); mostly fine grained sand, wet, gray, - 6 inches (5.60') Lean CLAY (CL); mostly clay, moist, gray/brown, - 16 inches (7.00') Lean CLAY (CL); mostly clay, moist, brown, - 24 inches (8.80') Poorly graded SAND (SP); mostly fine-medium grained sand, dense, dry, reddish-brown, - 14 inches			5
10											10

NOTES:

Laurel ENVIRONMENTAL GEOSCIENCES DPC	**Client:** Best Equities LLC **Project:** Nassau Metals OU-2 **Address:** 158 Paige Avenue, Staten Island, NY	**BORING LOG** **Boring No.** SB-3 **Page:** 1 of 1

Drilling Start Date:	**10/21/2024 09:15**	Boring Depth (ft):	**10**
Drilling End Date:	**10/21/2024 09:33**	Boring Diameter (in):	**2.0**
Drilling Company:	**EPhase 2**	Sampling Method(s):	**Grab**
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**N/A**
Drilling Equipment:	**GeoProbe 6712DT**	DTW After Drilling (ft):	**N/A**
Driller:	**Lukas Reiss**	Ground Surface Elev. (ft):	**N/A**
Logged By:	**Connor Grosso**	Location (Lat, Long):	**N/A**

DEPTH (ft)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	COLLECT: Sample Type	COLLECT: Time	COLLECT: Blow Counts	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample	DEPTH (ft)
0				GR			4.25	(0.00') Concrete: - 8 inches			0
								(0.80') Asphalt: - 6 inches			
								(1.40') Fill: - 12 inches			
								(2.40') Silty SAND (SM); mostly fine grained sand, dark brown, - 34 inches			
5				GR			4.00	(5') As Above: - 12.5 inches			5
								(6.20') Concrete: - 5 inches			
								(6.80') Lean CLAY (CL); mostly clay, soft, moist, light brown, - 42.5 inches			
								(8.6') As Above			
10											10

NOTES:

Laurel ENVIRONMENTAL GEOSCIENCES DPC	**Client:** Best Equities LLC **Project:** Nassau Metals OU-2 **Address:** 158 Paige Avenue, Staten Island, NY	**BORING LOG** **Boring No.** SB-4 **Page:** 1 of 1

Drilling Start Date:	**10/21/2024 12:05**	Boring Depth (ft):	**10**
Drilling End Date:	**10/21/2024 12:13**	Boring Diameter (in):	**2.0**
Drilling Company:	**EPhase 2**	Sampling Method(s):	**Grab**
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**N/A**
Drilling Equipment:	**GeoProbe 6712DT**	DTW After Drilling (ft):	**N/A**
Driller:	**Lukas Reiss**	Ground Surface Elev. (ft):	**N/A**
Logged By:	**Connor Grosso**	Location (Lat, Long):	**N/A**

DEPTH (ft)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	COLLECT: Sample Type	COLLECT: Time	COLLECT: Blow Counts	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample	DEPTH (ft)
0				GR			3.00	(0.00') Topsoil: Mulch, - 8 inches	6	Paige Avenue SB-4_2"_Mulch	0
								(0.80') Concrete: - 7 inches		Paige Avenue Composite Top Soil	
								(1.60') Fill: intermixed with dark brown medium-fine sand, - 15 inches			
								(3.00') Poorly graded SAND (SP); mostly fine-medium grained sand, gray/brown, - 30 inches			
5				GR			3.90	(5') As Above: - 4 inches			5
								(5.60') Poorly graded SAND (SP); mostly fine-medium grained sand, wet, gray/brown, - 31 inches			
								(8.20') Poorly graded SAND (SP); mostly fine-medium grained sand, gray/brown, - 25 inches			
10											10

NOTES:

generated using LOGitEASY.com

Laurel ENVIRONMENTAL GEOSCIENCES DPC	**Client:** Best Equities LLC **Project:** Nassau Metals OU-2 **Address:** 158 Paige Avenue, Staten Island, NY	**BORING LOG** **Boring No.** SB-5 **Page:** 1 of 1

Drilling Start Date:	**10/21/2024 13:00**	Boring Depth (ft):	**10**
Drilling End Date:	**10/21/2024 13:15**	Boring Diameter (in):	**3.0**
Drilling Company:	**EPhase 2**	Sampling Method(s):	**Grab**
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**N/A**
Drilling Equipment:	**Hand Auger**	DTW After Drilling (ft):	**N/A**
Driller:	**Lukas Reiss**	Ground Surface Elev. (ft):	**N/A**
Logged By:	**Connor Grosso**	Location (Lat, Long):	**N/A**

DEPTH (ft)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	COLLECT: Sample Type	COLLECT: Time	COLLECT: Blow Counts	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample	DEPTH (ft)
0				GR			5.00	(0.00') Poorly graded SAND (SP); mostly medium-coarse grained sand, few fine-coarse gravel, light brown, - 60 inches		SB-5_0"-12"	0
								(2.5') As Above			
5				GR			5.00	(5.00') Poorly graded SAND (SP); mostly medium-coarse grained sand, few fine-coarse gravel, light brown, - 12 inches			5
								(6.00') Poorly graded SAND (SP); mostly medium-coarse grained sand, few fine-coarse gravel, tan, - 24 inches			
								(8.00') Silty SAND (SM); mostly fine grained sand, trace silt, moist, reddish, - 24 inches			
10											10

NOTES:

Laurel ENVIRONMENTAL GEOSCIENCES DPC	**Client:** Best Equities LLC **Project:** Nassau Metals OU-2 **Address:** 158 Paige Avenue, Staten Island, NY	**BORING LOG** **Boring No.** SB-6 **Page:** 1 of 1

Drilling Start Date:	**10/21/2024 13:15**	Boring Depth (ft):	**0.66**
Drilling End Date:	**10/21/2024 13:25**	Boring Diameter (in):	**3.0**
Drilling Company:	**EPhase 2**	Sampling Method(s):	**N/A**
Drilling Method:	**Hand Auger Rig**	DTW During Drilling (ft):	**N/A**
Drilling Equipment:	**Hand Auger**	DTW After Drilling (ft):	**N/A**
Driller:	**Lukas Reiss**	Ground Surface Elev. (ft):	**N/A**
Logged By:	**Connor Grosso**	Location (Lat, Long):	**N/A**

DEPTH (ft)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	COLLECT: Sample Type	COLLECT: Time	COLLECT: Blow Counts	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample	DEPTH (ft)
0								(0.00') Poorly graded SAND (SP); mostly medium-coarse grained sand, light brown, - 8 inches		SB-6_0"-12"	0
								(0.66') Boring terminated			
5											5
10											10

NOTES: A demarcation barrier was encountered at 8 inches bgs

generated using LOGitEASY.com

Laurel ENVIRONMENTAL GEOSCIENCES DPC	**Client:** Best Equities LLC **Project:** Nassau Metals OU-2 **Address:** 158 Paige Avenue, Staten Island, NY	**BORING LOG** **Boring No.** SB-7 **Page:** 1 of 1

Drilling Start Date:	**10/21/2024 13:27**	Boring Depth (ft):	**10**
Drilling End Date:	**10/21/2024 13:39**	Boring Diameter (in):	**3.0**
Drilling Company:	**EPhase 2**	Sampling Method(s):	**Grab**
Drilling Method:	**Hand Auger Rig**	DTW During Drilling (ft):	**N/A**
Drilling Equipment:	**Hand Auger**	DTW After Drilling (ft):	**N/A**
Driller:	**Lukas Reiss**	Ground Surface Elev. (ft):	**N/A**
Logged By:	**Connor Grosso**	Location (Lat, Long):	**N/A**

DEPTH (ft)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	COLLECT: Sample Type	COLLECT: Time	COLLECT: Blow Counts	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample	DEPTH (ft)
0				GR			1.15	(0.00') Topsoil: Mulch, - 8.5 inches (0.60') Fill: Brick and concrete mixed with medium red/brown sand, - 51.5 inches		SB-7_0"-12"	0
5				GR			1.65	(5.00') Fill: Brick and concrete mixed with medium red/brown sand, - 48 inches			5
10								(9.00') Poorly graded SAND (SP); mostly medium grained sand, reddish tan, - 12 inches			10

NOTES:

Laurel ENVIRONMENTAL GEOSCIENCES DPC	**Client:** Best Equities LLC **Project:** Nassau Metals OU-2 **Address:** 158 Paige Avenue, Staten Island, NY	**BORING LOG** **Boring No.** SB-8 **Page:** 1 of 1

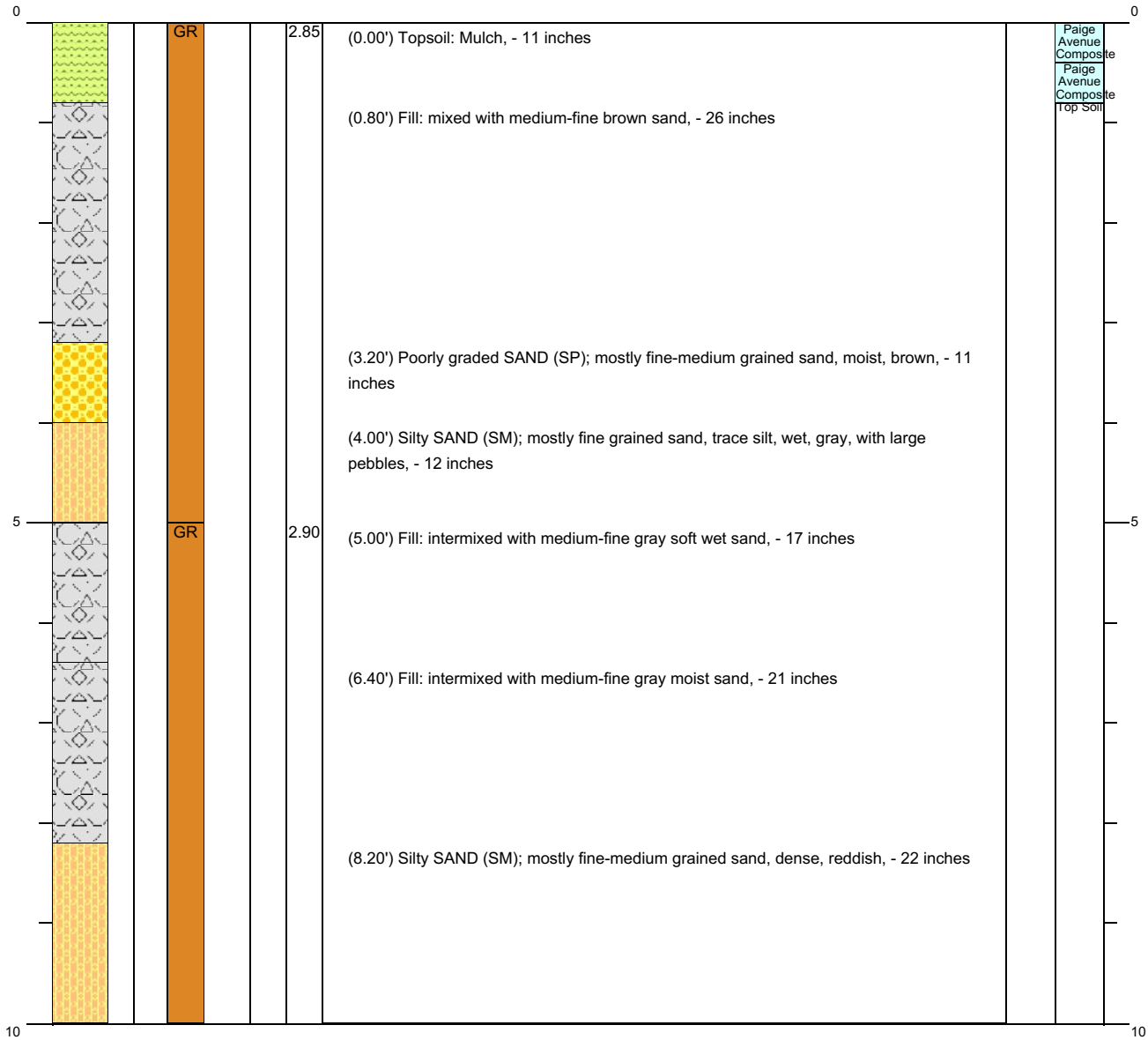
Drilling Start Date:	**10/21/2024 11:30**	Boring Depth (ft):	**10**
Drilling End Date:	**10/21/2024 11:39**	Boring Diameter (in):	**2.0**
Drilling Company:	**EPhase 2**	Sampling Method(s):	**Grab**
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**N/A**
Drilling Equipment:	**GeoProbe 6712DT**	DTW After Drilling (ft):	**N/A**
Driller:	**Lukas Reiss**	Ground Surface Elev. (ft):	**N/A**
Logged By:	**Connor Grosso**	Location (Lat, Long):	**N/A**

DEPTH (ft)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	COLLECT: Sample Type	COLLECT: Time	COLLECT: Blow Counts	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample	DEPTH (ft)
0				GR			2.85	(0.00') Topsoil: Mulch, - 9 inches	0	Paige Avenue Composite	0
								(0.80') Fill: concrete intermixed with medium-fine brown sand, - 14 inches	0	Paige Avenue Composite Top Soil	
								(2.00') Fill: concrete and brick intermixed with gray medium-fine sand, - 14 inches			
								(3.20') Poorly graded SAND (SP); mostly fine-medium grained sand, gray/brown, - 23 inches			
5				GR			3.90	(5') As Above: - 17 inches			5
								(6.40') Poorly graded SAND (SP); mostly fine-medium grained sand, dense, gray/brown, - 10 inches			
								(7.20') Poorly graded SAND (SP); mostly fine-medium grained sand, gray/brown, - 18 inches			
								(8.80') Elastic SILT (MH); little silt, little clay, moist, gray/brown, - 15 inches			
10											10

NOTES:

Laurel Environmental Geosciences DPC	**Client:** Best Equities LLC **Project:** Nassau Metals OU-2 **Address:** 158 Paige Avenue, Staten Island, NY	**BORING LOG** **Boring No.** SB-9 **Page:** 1 of 1

Drilling Start Date:	**10/21/2024 11:10**	Boring Depth (ft):	**10**
Drilling End Date:	**10/21/2024 11:17**	Boring Diameter (in):	**2.0**
Drilling Company:	**EPhase 2**	Sampling Method(s):	**Grab**
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**N/A**
Drilling Equipment:	**GeoProbe 6712DT**	DTW After Drilling (ft):	**N/A**
Driller:	**Lukas Reiss**	Ground Surface Elev. (ft):	**N/A**
Logged By:	**Connor Grosso**	Location (Lat, Long):	**N/A**



NOTES:

Laurel ENVIRONMENTAL GEOSCIENCES DPC	**Client:** Best Equities LLC **Project:** Nassau Metals OU-2 **Address:** 158 Paige Avenue, Staten Island, NY	**BORING LOG** **Boring No.** SB-10 **Page:** 1 of 1

Drilling Start Date:	**10/21/2024 10:00**	Boring Depth (ft):	**10**
Drilling End Date:	**10/21/2024 10:12**	Boring Diameter (in):	**2.0**
Drilling Company:	**EPhase 2**	Sampling Method(s):	**Grab**
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**N/A**
Drilling Equipment:	**GeoProbe 6712DT**	DTW After Drilling (ft):	**N/A**
Driller:	**Lukas Reiss**	Ground Surface Elev. (ft):	**N/A**
Logged By:	**Connor Grosso**	Location (Lat, Long):	**N/A**

DEPTH (ft)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	COLLECT: Sample Type	COLLECT: Time	COLLECT: Blow Counts	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample	DEPTH (ft)
0				GR			4.15	(0.00') Asphalt: - 14 inches (1.20') Fill: intermixed with medium-fine brown sand, - 13 inches (2.40') Fill: concrete mixed with assorted fill, - 14 inches (3.60') Poorly graded SAND (SP); mostly fine-medium grained sand, gray/black, - 18 inches			0
5				GR			4.60	(5.00') Poorly graded SAND (SP); mostly fine-medium grained sand, moist, gray/black, - 2 inches (5.20') Poorly graded SAND (SP); mostly fine-medium grained sand, wet, gray, - 11 inches (6.20') Silty SAND (SM); mostly fine-medium grained sand, trace coarse gravel, gray, - 14 inches (7.40') Silty SAND (SM); mostly fine-medium grained sand, trace coarse gravel, reddish-brown, - 32 inches (8.8') As Above			5
10											10

NOTES:

generated using LOGitEASY.com

Laurel ENVIRONMENTAL GEOSCIENCES DPC	**Client:** Best Equities LLC **Project:** Nassau Metals OU-2 **Address:** 158 Paige Avenue, Staten Island, NY	**BORING LOG** **Boring No.** SB-11 **Page:** 1 of 1

Drilling Start Date:	**10/21/2024 10:22**	Boring Depth (ft):	**10**
Drilling End Date:	**10/21/2024 10:45**	Boring Diameter (in):	**2.0**
Drilling Company:	**EPhase 2**	Sampling Method(s):	**Grab**
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**N/A**
Drilling Equipment:	**GeoProbe 6712DT**	DTW After Drilling (ft):	**N/A**
Driller:	**Lukas Reiss**	Ground Surface Elev. (ft):	**N/A**
Logged By:	**Connor Grosso**	Location (Lat, Long):	**N/A**

DEPTH (ft)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	COLLECT: Sample Type	COLLECT: Time	COLLECT: Blow Counts	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample	DEPTH (ft)
0				GR			3.00	(0.00') Asphalt: - 10 inches			0
								(0.80') Fill: concrete debris, - 9 inches			
								(1.40') Poorly graded SAND (SP); mostly fine-medium grained sand, reddish-brown, - 10 inches			
								(2.20') Fill: concrete and asphalt debris, - 23 inches			
								(4.20') Poorly graded SAND (SP); mostly medium grained sand, brown/black, - 7.5 inches			
5				GR			3.60	(5.00') Silty SAND (SM); mostly fine grained sand, wet, gray, - 13 inches			5
								(6.00') Poorly graded SAND (SP); mostly fine-medium grained sand, dense, reddish, - 18 inches			
								(7.60') Silty SAND (SM); mostly fine grained sand, loose, moist, reddish-brown, - 20 inches			
10								(9.40') Poorly graded SAND (SP); mostly fine-medium grained sand, trace coarse gravel, reddish, - 9 inches			10

NOTES:

Laurel ENVIRONMENTAL GEOSCIENCES DPC	**Client:** Best Equities LLC **Project:** Nassau Metals OU-2 **Address:** 158 Paige Avenue, Staten Island, NY	**BORING LOG** **Boring No.** SB-12 **Page:** 1 of 1

Drilling Start Date:	**10/21/2024 09:38**	Boring Depth (ft):	**10**
Drilling End Date:	**10/21/2024 09:55**	Boring Diameter (in):	**2.0**
Drilling Company:	**EPhase 2**	Sampling Method(s):	**Grab**
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**N/A**
Drilling Equipment:	**GeoProbe 6712DT**	DTW After Drilling (ft):	**N/A**
Driller:	**Lukas Reiss**	Ground Surface Elev. (ft):	**N/A**
Logged By:	**Connor Grosso**	Location (Lat, Long):	**N/A**

DEPTH (ft)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	COLLECT: Sample Type	COLLECT: Time	COLLECT: Blow Counts	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample	DEPTH (ft)
0				GR			3.00	(0.00') Concrete: - 15 inches			0
								(1.40') Fill: - 11 inches			
								(2.20') Poorly graded SAND (SP); mostly fine-medium grained sand, moist, light brown, - 10 inches			
								(3.00') Poorly graded SAND (SP); mostly medium grained sand, wet, gray, - 17 inches			
5				GR			4.50	(4.60') Poorly graded SAND (SP); mostly fine grained sand, moist, gray/brown, - 7.5 inches (5') As Above: - 10.5 inches			5
								(5.80') Lean CLAY (CL); mostly clay, moist, reddish-brown, - 8 inches			
								(6.40') Lean CLAY (CL); mostly clay, moist, reddish, - 34 inches			
								(9.20') Silty SAND (SM); mostly fine grained sand, trace coarse gravel, trace silt, reddish, - 7 inches			
10											10

NOTES:

generated using LOGitEASY.com

Laurel ENVIRONMENTAL GEOSCIENCES DPC	**Client:** Best Equities LLC **Project:** Nassau Metals OU-2 **Address:** 286 Richmond Valley Road, Staten Island, NY	**BORING LOG** **Boring No.** SB-13 **Page:** 1 of 1

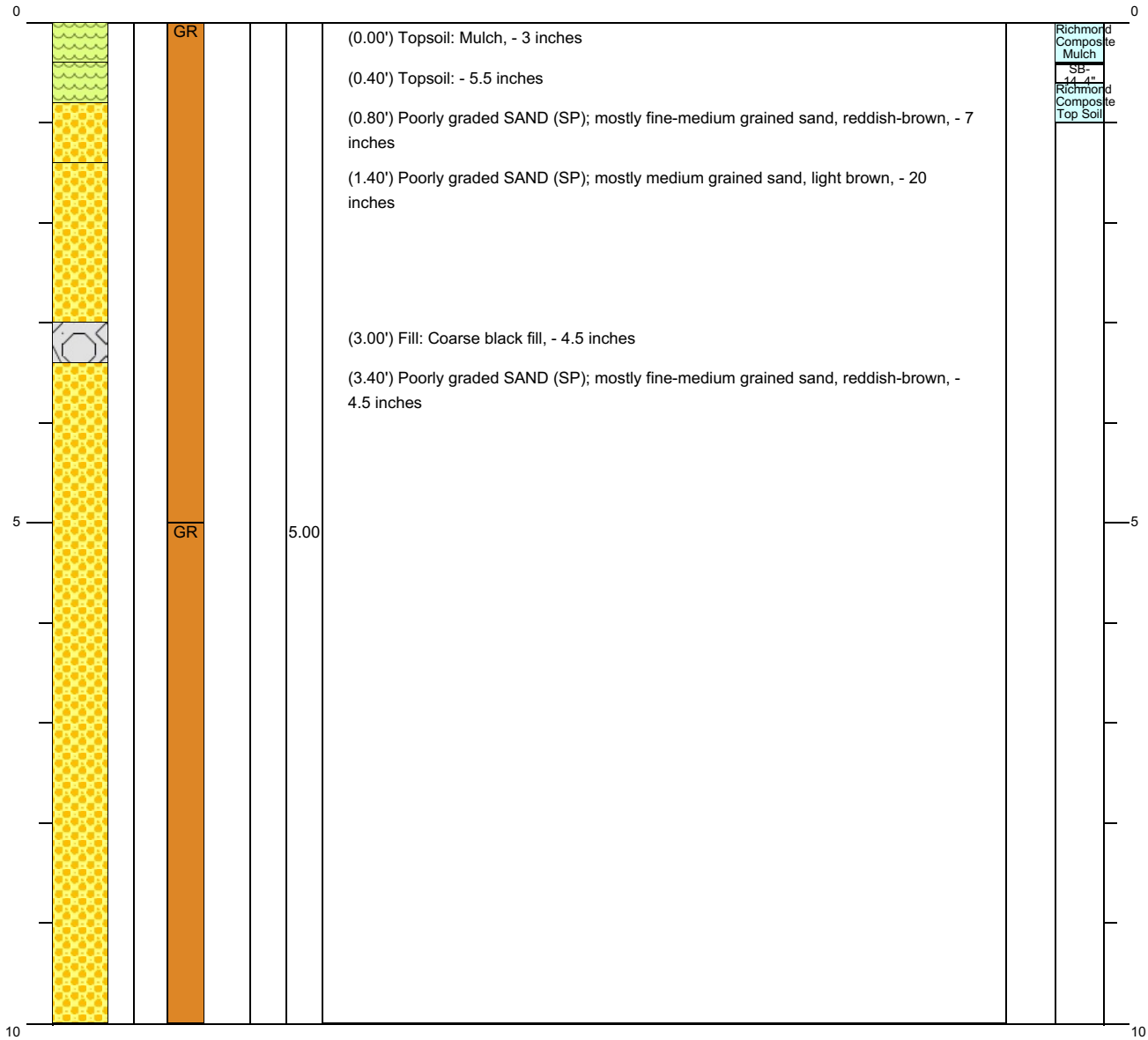
Drilling Start Date:	**10/22/2024 10:01**	Boring Depth (ft):	**10**
Drilling End Date:	**10/22/2024 10:12**	Boring Diameter (in):	**2.0**
Drilling Company:	**EPhase 2**	Sampling Method(s):	**Grab**
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**N/A**
Drilling Equipment:	**GeoProbe 6712DT**	DTW After Drilling (ft):	**N/A**
Driller:	**Lukas Reiss**	Ground Surface Elev. (ft):	**N/A**
Logged By:	**Connor Grosso**	Location (Lat, Long):	**N/A**

DEPTH (ft)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	COLLECT: Sample Type	COLLECT: Time	COLLECT: Blow Counts	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample	DEPTH (ft)
0				GR			3.40	(0.00') Topsoil: Mulch, - 4 inches (0.40') Silty SAND (SM); mostly fine grained sand, reddish, - 9.5 inches (1.20') Poorly graded SAND (SP); mostly fine-medium grained sand, moist, dark brown, - 10 inches (2.00') Poorly graded SAND (SP); mostly fine-medium grained sand, brown, - 7.5 inches (2.60') Silty SAND (SM); mostly fine grained sand, reddish-brown, - 29 inches		Richmond Composite Mulch Richmond Composite Top Soil	0
5				GR				(5') As Above: - 20 inches (6.60') Silty SAND (SM); mostly fine grained sand, loose, moist, reddish-brown, - 13 inches (7.80') Poorly graded SAND (SP); mostly fine grained sand, dense, reddish, - 27 inches			5
10											10

NOTES:

Laurel ENVIRONMENTAL GEOSCIENCES DPC	**Client:** Best Equities LLC **Project:** Nassau Metals OU-2 **Address:** 286 Richmond Valley Road, Staten Island, NY	**BORING LOG** **Boring No.** SB-14 **Page:** 1 of 1

Drilling Start Date:	**10/22/2024 09:42**	Boring Depth (ft):	**10**
Drilling End Date:	**10/22/2024 09:51**	Boring Diameter (in):	**2.0**
Drilling Company:	**EPhase 2**	Sampling Method(s):	**Grab**
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**N/A**
Drilling Equipment:	**GeoProbe 6712DT**	DTW After Drilling (ft):	**N/A**
Driller:	**Lukas Reiss**	Ground Surface Elev. (ft):	**N/A**
Logged By:	**Connor Grosso**	Location (Lat, Long):	**N/A**



NOTES:

generated using LOGitEASY.com

Laurel ENVIRONMENTAL GEOSCIENCES DPC	**Client:** Best Equities LLC **Project:** Nassau Metals OU-2 **Address:** 286 Richmond Valley Road, Staten Island, NY	**BORING LOG** **Boring No.** SB-15 **Page:** 1 of 1

Drilling Start Date:	**10/22/2024 09:31**	Boring Depth (ft):	**10**
Drilling End Date:	**10/22/2024 09:39**	Boring Diameter (in):	**2.0**
Drilling Company:	**EPhase 2**	Sampling Method(s):	**Grab**
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**N/A**
Drilling Equipment:	**GeoProbe 6712DT**	DTW After Drilling (ft):	**N/A**
Driller:	**Lukas Reiss**	Ground Surface Elev. (ft):	**N/A**
Logged By:	**Connor Grosso**	Location (Lat, Long):	**N/A**

DEPTH (ft)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	COLLECT: Sample Type	COLLECT: Time	COLLECT: Blow Counts	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample	DEPTH (ft)
0				GR			3.60	(0.00') Concrete: Concrete sand, - 5.5 inches (0.60') Poorly graded SAND (SP); mostly fine-medium grained sand, reddish-brown, - 22 inches (2.20') Fill: Coarse black fill, - 12 inches		SB-15_3"	0
5				GR			4.40	(3.20') Poorly graded SAND (SP); mostly fine-medium grained sand, light brown, - 32 inches (5.00') Poorly graded SAND (SP); mostly medium grained sand, tan, - 23 inches (6.80') Poorly graded SAND (SP); mostly fine-medium grained sand, moist, brown, - 32 inches (9.40') Lean CLAY (CL); mostly clay, light brown, - 5 inches			5
10											10

NOTES:

Laurel ENVIRONMENTAL GEOSCIENCES DPC	**Client:** Best Equities LLC **Project:** Nassau Metals OU-2 **Address:** 286 Richmond Valley Road, Staten Island, NY	**BORING LOG** **Boring No.** SB-16 **Page:** 1 of 1

Drilling Start Date:	**10/22/2024 09:14**	Boring Depth (ft):	**10**
Drilling End Date:	**10/22/2024 09:22**	Boring Diameter (in):	**2.0**
Drilling Company:	**EPhase 2**	Sampling Method(s):	**Grab**
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**N/A**
Drilling Equipment:	**GeoProbe 6712DT**	DTW After Drilling (ft):	**N/A**
Driller:	**Lukas Reiss**	Ground Surface Elev. (ft):	**N/A**
Logged By:	**Connor Grosso**	Location (Lat, Long):	**N/A**

DEPTH (ft)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	COLLECT: Sample Type	COLLECT: Time	COLLECT: Blow Counts	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample	DEPTH (ft)
0				GR			3.35	(0.00') Concrete: Concrete sand, - 9 inches (0.80') Fill: - 6 inches (1.40') Poorly graded SAND (SP); mostly fine-medium grained sand, moist, brown, - 3 inches (1.80') Poorly graded SAND (SP); mostly fine-medium grained sand, reddish-brown, - 10.5 inches (2.60') Poorly graded SAND (SP); mostly fine-medium grained sand, tan, - 9 inches (3.40') Poorly graded SAND (SP); mostly fine-medium grained sand, reddish-brown, - 25.5 inches			0
5				GR			3.50	(5.00') Poorly graded SAND (SP); mostly fine-medium grained sand, gray/black, - 4 inches (5.40') Poorly graded SAND (SP); mostly fine-medium grained sand, reddish-brown, - 9 inches (6.20') Fill: - 2 inches (6.40') Poorly graded SAND (SP); mostly fine-medium grained sand, moist, reddish-brown, - 20 inches (8.00') Lean CLAY (CL); mostly clay, moist, gray, - 6 inches (8.60') Lean CLAY (CL); mostly clay, stiff, reddish-brown, - 18.5 inches			5
10											10

NOTES:

generated using LOGitEASY.com

Laurel ENVIRONMENTAL GEOSCIENCES DPC	**Client:** Best Equities LLC **Project:** Nassau Metals OU-2 **Address:** 286 Richmond Valley Road, Staten Island, NY	**BORING LOG** **Boring No.** SB-17 **Page:** 1 of 1

Drilling Start Date:	**10/22/2024 08:34**	Boring Depth (ft):	**10**
Drilling End Date:	**10/22/2024 08:42**	Boring Diameter (in):	**2.0**
Drilling Company:	**EPhase 2**	Sampling Method(s):	**Grab**
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**N/A**
Drilling Equipment:	**GeoProbe 6712DT**	DTW After Drilling (ft):	**N/A**
Driller:	**Lukas Reiss**	Ground Surface Elev. (ft):	**N/A**
Logged By:	**Connor Grosso**	Location (Lat, Long):	**N/A**

DEPTH (ft)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	COLLECT: Sample Type	COLLECT: Time	COLLECT: Blow Counts	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample	DEPTH (ft)
0				GR			3.40	(0.00') Topsoil: Mulch, - 5 inches (0.40') Topsoil: - 6 inches (1.00') Poorly graded SAND (SP); mostly fine-medium grained sand, reddish-brown, - 36 inches		Richmond Composite Mulch Richmond Composite Top Soil	0
								(4.00') Fill: Coarse black fill, - 1 inch (4.20') Poorly graded SAND (SP); mostly fine-medium grained sand, slightly moist, brown, - 11 inches			
5				GR			4.40	(5.00') Poorly graded SAND (SP); mostly fine-medium grained sand, brown, - 19 inches (6.60') Poorly graded SAND (SP); mostly medium grained sand, tan, - 20.5 inches			5
10								(8.20') Poorly graded SAND (SP); mostly fine-medium grained sand, moist, light brown, - 20.5 inches			10

NOTES:

Laurel Environmental Geosciences DPC	**Client:** Best Equities LLC **Project:** Nassau Metals OU-2 **Address:** 286 Richmond Valley Road, Staten Island, NY	**BORING LOG** **Boring No.** SB-18 **Page:** 1 of 1

Drilling Start Date:	**10/22/2024 11:27**	Boring Depth (ft):	**10**
Drilling End Date:	**10/22/2024 11:38**	Boring Diameter (in):	**2.0**
Drilling Company:	**EPhase 2**	Sampling Method(s):	**Grab**
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**N/A**
Drilling Equipment:	**GeoProbe 6712DT**	DTW After Drilling (ft):	**N/A**
Driller:	**Lukas Reiss**	Ground Surface Elev. (ft):	**N/A**
Logged By:	**Connor Grosso**	Location (Lat, Long):	**N/A**

DEPTH (ft)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	COLLECT: Sample Type	COLLECT: Time	COLLECT: Blow Counts	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample	DEPTH (ft)
0				GR			3.50	(0.00') Topsoil: Mulch, - 6 inches (0.60') Fill: concrete and brick mixed with medium-fine brown sand, - 54 inches (1.8') As Above (3.4') As Above		SB-18_4"-5.5'	0
5				GR			4.25	(5') As Above: - 7 inches (5.60') Topsoil: Mulch, - 2 inches (5.80') Poorly graded SAND (SP); mostly fine-medium grained sand, light brown, - 51 inches (7') As Above (8.8') As Above			5
10											10

NOTES:

Laurel ENVIRONMENTAL GEOSCIENCES DPC	**Client:** Best Equities LLC **Project:** Nassau Metals OU-2 **Address:** 286 Richmond Valley Road, Staten Island, NY	**BORING LOG** **Boring No.** SB-19 **Page:** 1 of 1

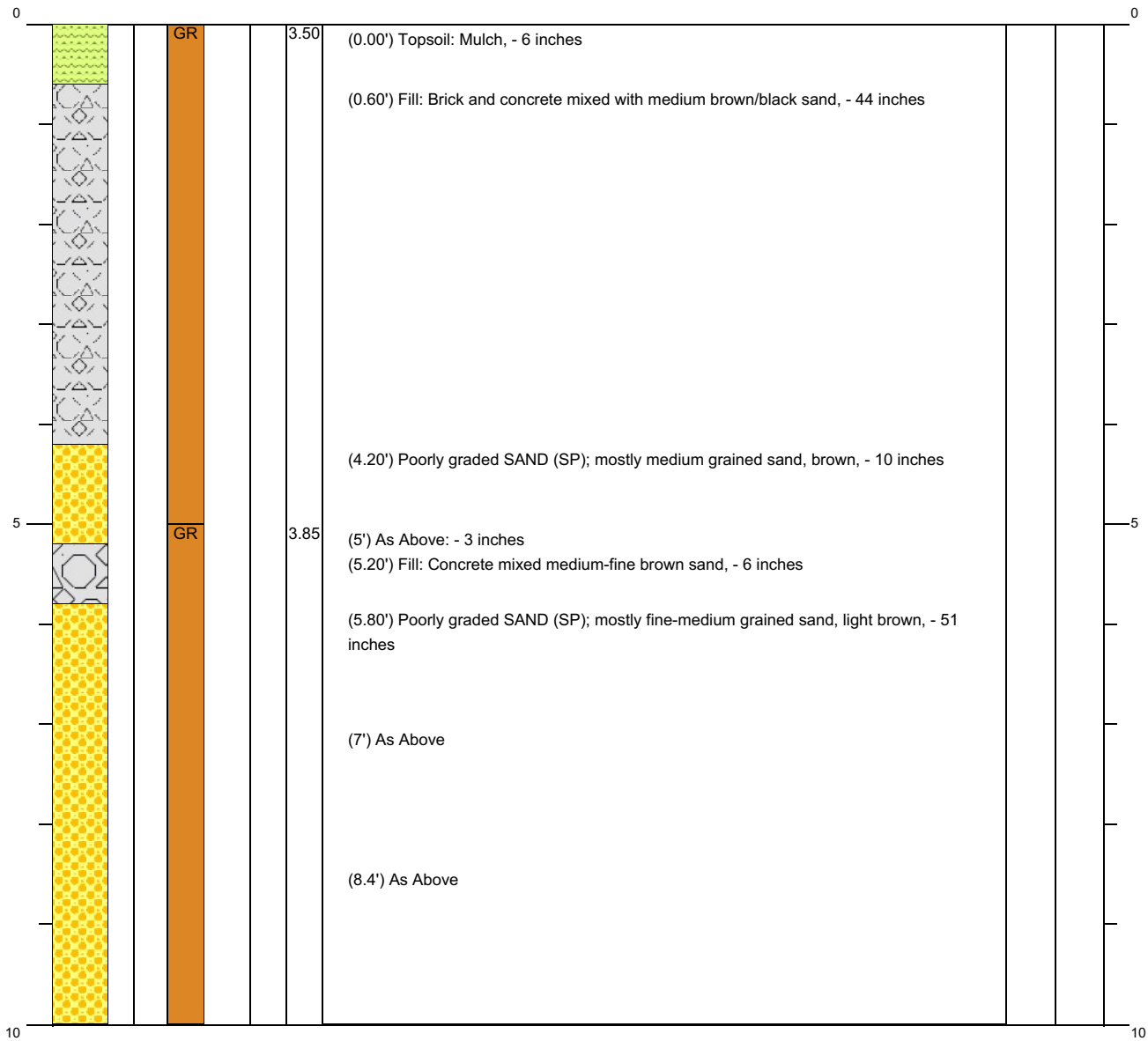
Drilling Start Date:	**10/22/2024 10:53**	Boring Depth (ft):	**10**
Drilling End Date:	**10/22/2024 11:06**	Boring Diameter (in):	**2.0**
Drilling Company:	**EPhase 2**	Sampling Method(s):	**Grab**
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**N/A**
Drilling Equipment:	**GeoProbe 6712DT**	DTW After Drilling (ft):	**N/A**
Driller:	**Lukas Reiss**	Ground Surface Elev. (ft):	**N/A**
Logged By:	**Connor Grosso**	Location (Lat, Long):	**N/A**

DEPTH (ft)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	COLLECT: Sample Type	COLLECT: Time	COLLECT: Blow Counts	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample	DEPTH (ft)
0				GR			3.90	(0.00') Concrete: Concrete sand, - 2.5 inches (0.20') Fill: Brick and concrete mixed with medium-fine brown sand, - 18 inches		SB-19_2"-16"	0
								(1.80') Poorly graded SAND (SP); mostly fine-medium grained sand, reddish-brown, - 7.5 inches			
								(2.60') Fill: Concrete and brick mixed with medium-fine brown sand, - 10 inches			
								(3.40') Poorly graded SAND (SP); mostly fine-medium grained sand, reddish-brown, - 21 inches			
5				GR			4.35	(5') As Above: - 7.5 inches			5
								(5.60') Fill: - 0.5 inches (5.80') Poorly graded SAND (SP); mostly fine-medium grained sand, reddish-brown, - 52 inches			
								(7') As Above			
								(8.4') As Above			
10											10

NOTES:

Laurel ENVIRONMENTAL GEOSCIENCES DPC	**Client:** Best Equities LLC **Project:** Nassau Metals OU-2 **Address:** 286 Richmond Valley Road, Staten Island, NY	**BORING LOG** **Boring No.** SB-20 **Page:** 1 of 1

Drilling Start Date:	**10/22/2024 12:01**	Boring Depth (ft):	**10**
Drilling End Date:	**10/22/2024 12:12**	Boring Diameter (in):	**2.0**
Drilling Company:	**EPhase 2**	Sampling Method(s):	**Grab**
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**N/A**
Drilling Equipment:	**GeoProbe 6712DT**	DTW After Drilling (ft):	**N/A**
Driller:	**Lukas Reiss**	Ground Surface Elev. (ft):	**N/A**
Logged By:	**Connor Grosso**	Location (Lat, Long):	**N/A**

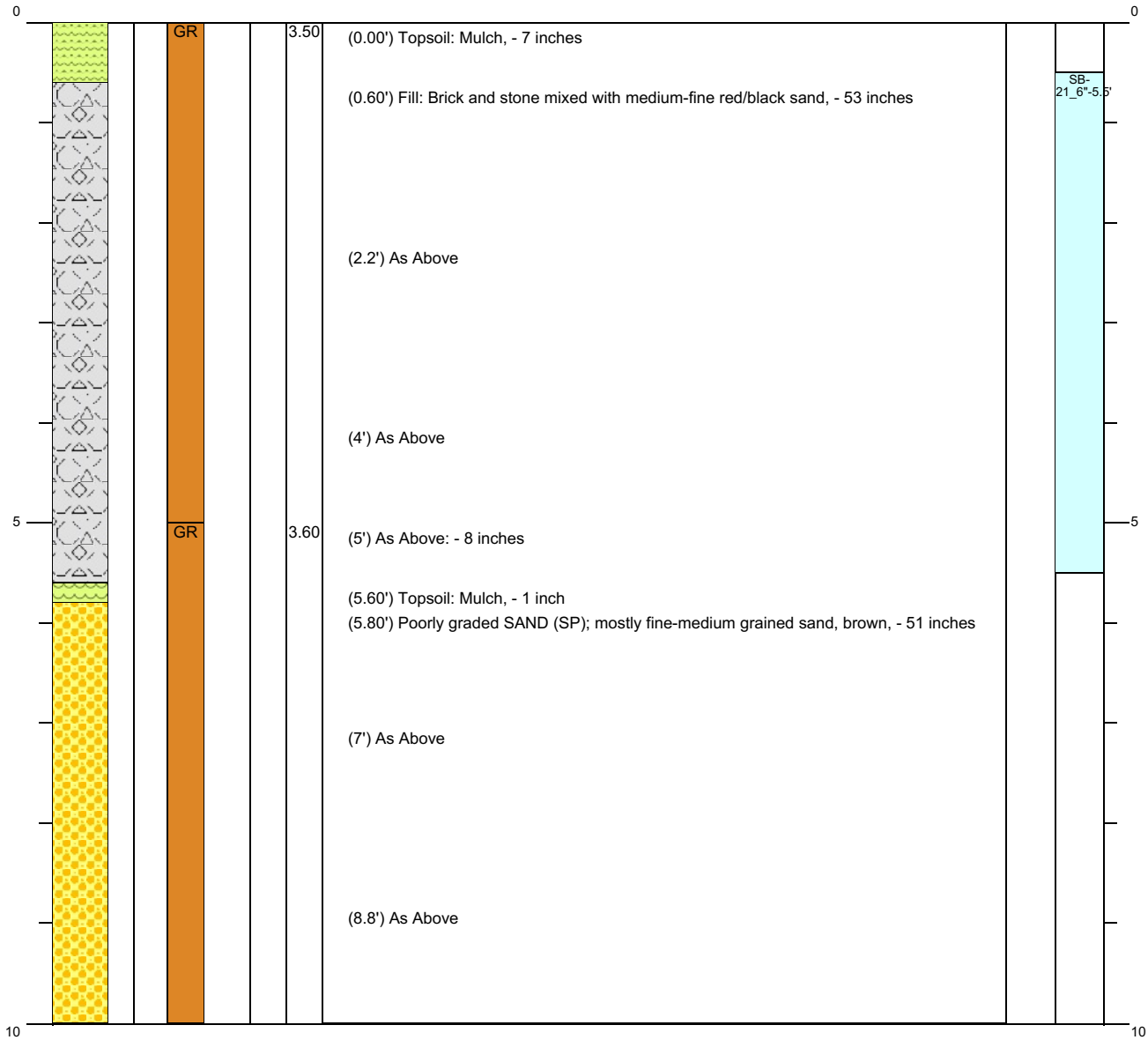


NOTES:

generated using LOGitEASY.com

Laurel Environmental Geosciences DPC	**Client:** Best Equities LLC **Project:** Nassau Metals OU-2 **Address:** 286 Richmond Valley Road, Staten Island, NY	**BORING LOG** **Boring No.** SB-21 **Page:** 1 of 1

Drilling Start Date:	**10/22/2024 11:42**	Boring Depth (ft):	**10**
Drilling End Date:	**10/22/2024 11:55**	Boring Diameter (in):	**2.0**
Drilling Company:	**EPhase 2**	Sampling Method(s):	**Grab**
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**N/A**
Drilling Equipment:	**GeoProbe 6712DT**	DTW After Drilling (ft):	**N/A**
Driller:	**Lukas Reiss**	Ground Surface Elev. (ft):	**N/A**
Logged By:	**Connor Grosso**	Location (Lat, Long):	**N/A**



NOTES:

generated using LOGitEASY.com

Laurel ENVIRONMENTAL GEOSCIENCES DPC	**Client:** Best Equities LLC **Project:** Nassau Metals OU-2 **Address:** 286 Richmond Valley Road, Staten Island, NY	**BORING LOG** **Boring No.** SB-22 **Page:** 1 of 1

Drilling Start Date:	**10/22/2024 11:11**	Boring Depth (ft):	**10**
Drilling End Date:	**10/22/2024 11:24**	Boring Diameter (in):	**2.0**
Drilling Company:	**EPhase 2**	Sampling Method(s):	**Grab**
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**N/A**
Drilling Equipment:	**GeoProbe 6712DT**	DTW After Drilling (ft):	**N/A**
Driller:	**Lukas Reiss**	Ground Surface Elev. (ft):	**N/A**
Logged By:	**Connor Grosso**	Location (Lat, Long):	**N/A**

DEPTH (ft)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	COLLECT: Sample Type	COLLECT: Time	COLLECT: Blow Counts	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample	DEPTH (ft)
0				GR			3.10	(0.00') Concrete: Concrete sand, - 3 inches (0.40') Fill: - 6.5 inches (1.00') Poorly graded SAND (SP); mostly fine-medium grained sand, moist, brown, - 6.5 inches (1.6') As Above: - 16 inches			0
5				GR			2.50	(3.00') Fill: Mixed with medium-fine dark brown sand, - 28 inches (5') As Above: - 16 inches (6.40') Poorly graded SAND (SP); mostly fine-medium grained sand, brown, - 44 inches (7.8') As Above (9') As Above			5
10											10

NOTES: A demarcation barrier was encountered at 10 inches bgs

generated using LOGitEASY.com

Laurel ENVIRONMENTAL GEOSCIENCES DPC	**Client:** Best Equities LLC **Project:** Nassau Metals OU-2 **Address:** 286 Richmond Valley Road, Staten Island, NY	**BORING LOG** **Boring No.** SB-23 **Page:** 1 of 1

Drilling Start Date:	**10/22/2024 12:17**	Boring Depth (ft):	**10**
Drilling End Date:	**10/22/2024 12:30**	Boring Diameter (in):	**2.0**
Drilling Company:	**EPhase 2**	Sampling Method(s):	**Grab**
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**N/A**
Drilling Equipment:	**GeoProbe 6712DT**	DTW After Drilling (ft):	**N/A**
Driller:	**Lukas Reiss**	Ground Surface Elev. (ft):	**N/A**
Logged By:	**Connor Grosso**	Location (Lat, Long):	**N/A**

DEPTH (ft)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	COLLECT: Sample Type	COLLECT: Time	COLLECT: Blow Counts	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample	DEPTH (ft)
0				GR			2.50	(0.00') Topsoil: Mulch, - 6 inches (0.60') Fill: Concrete and brick mixed with medium brown sand, - 40 inches (2') As Above		SB-23_4"-6'	0
5				GR			3.80	(3.80') Fill: Mixed with medium-fine dark brown sand, - 14 inches (5') As Above: - 8 inches (5.80') Topsoil: Mulch, - 1 inch (6.00') Poorly graded SAND (SP); mostly fine-medium grained sand, light brown, - 51 inches (7.4') As Above (9') As Above			5
10											10

NOTES:

Laurel ENVIRONMENTAL GEOSCIENCES DPC	**Client:** Best Equities LLC **Project:** Nassau Metals OU-2 **Address:** 286 Richmond Valley Road, Staten Island, NY	**BORING LOG** **Boring No.** SB-24 **Page:** 1 of 1

Drilling Start Date:	**10/22/2024 12:33**	Boring Depth (ft):	**10**
Drilling End Date:	**10/22/2024 12:47**	Boring Diameter (in):	**2.0**
Drilling Company:	**EPhase 2**	Sampling Method(s):	**Grab**
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**N/A**
Drilling Equipment:	**GeoProbe 6712DT**	DTW After Drilling (ft):	**N/A**
Driller:	**Lukas Reiss**	Ground Surface Elev. (ft):	**N/A**
Logged By:	**Connor Grosso**	Location (Lat, Long):	**N/A**

DEPTH (ft)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	COLLECT: Sample Type	COLLECT: Time	COLLECT: Blow Counts	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample	DEPTH (ft)
0				GR			3.60	(0.00') Topsoil: Mulch, - 3 inches (0.40') Fill: Brick and stone mixed with medium brown sand, - 57 inches			0
								(1.8') As Above			
								(3.8') As Above			
5				GR			4.00	(5') As Above: - 9 inches			5
								(5.80') Topsoil: Mulch, - 1 inch (6.00') Poorly graded SAND (SP); mostly fine-medium grained sand, light brown, - 50 inches			
								(8') As Above			
10											10

NOTES:

Laurel ENVIRONMENTAL GEOSCIENCES DPC	**Client:** Best Equities LLC **Project:** Nassau Metals OU-2 **Address:** 286 Richmond Valley Road, Staten Island, NY	**BORING LOG** **Boring No.** SB-25 **Page:** 1 of 1

Drilling Start Date:	**10/22/2024 14:00**	Boring Depth (ft):	**10**
Drilling End Date:	**10/22/2024 14:20**	Boring Diameter (in):	**1.0**
Drilling Company:	**EPhase 2**	Sampling Method(s):	**Grab**
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**N/A**
Drilling Equipment:	**Slam-bar hammer**	DTW After Drilling (ft):	**N/A**
Driller:	**Lukas Reiss**	Ground Surface Elev. (ft):	**N/A**
Logged By:	**Connor Grosso**	Location (Lat, Long):	**N/A**

DEPTH (ft)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	COLLECT: Sample Type	COLLECT: Time	COLLECT: Blow Counts	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample	DEPTH (ft)
0				GR			1.34	(0.00') Topsoil: Mulch, - 6 inches (0.60') Fill: Concrete and brick mixed with medium brown sand, - 18 inches			0
				GR			0.84	(2.00') Fill: Concrete and bricked mixed with medium brown sand, - 24 inches			
				GR			1.26	(4.00') Fill: Concrete and brick mixed with medium brown sand, - 11 inches			
5								(4.80') Poorly graded SAND (SP); mostly fine-medium grained sand, light brown, - 13 inches			5
				GR			1.58	(6.00') Poorly graded SAND (SP); mostly fine-medium grained sand, light brown, - 24 inches			
				GR			0.70	(8.00') Poorly graded SAND (SP); mostly fine-medium grained sand, light brown, - 24 inches			
10											10

NOTES:

Laurel ENVIRONMENTAL GEOSCIENCES DPC	**Client:** Best Equities LLC **Project:** Nassau Metals OU-2 **Address:** 286 Richmond Valley Road, Staten Island, NY	**BORING LOG** **Boring No.** SB-26 **Page:** 1 of 1

Drilling Start Date:	**10/22/2024 10:33**	Boring Depth (ft):	**10**
Drilling End Date:	**10/22/2024 10:45**	Boring Diameter (in):	**2.0**
Drilling Company:	**EPhase 2**	Sampling Method(s):	**Grab**
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**N/A**
Drilling Equipment:	**GeoProbe 6712DT**	DTW After Drilling (ft):	**N/A**
Driller:	**Lukas Reiss**	Ground Surface Elev. (ft):	**N/A**
Logged By:	**Connor Grosso**	Location (Lat, Long):	**N/A**

DEPTH (ft)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	COLLECT: Sample Type	COLLECT: Time	COLLECT: Blow Counts	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample	DEPTH (ft)
0				GR			4.60	(0.00') Concrete: Concrete sand, - 1 inch (0.20') Fill: Concrete and brick mixed with medium-fine red/brown sand, - 9 inches (0.80') Silty SAND (SM); mostly fine-medium grained sand, trace silt, reddish-brown, - 50 inches			0
								(3') As Above			
5				GR			1.65	(5.00') Silty SAND (SM); mostly fine-medium grained sand, trace silt, reddish-brown, - 60 inches			5
								(7') As Above			
								(9') As Above			
10											10

NOTES:

Laurel ENVIRONMENTAL GEOSCIENCES DPC	**Client:** Best Equities LLC **Project:** Nassau Metals OU-2 **Address:** 158 Paige Avenue, Staten Island, NY	**BORING LOG** **Boring No.** SB-X **Page:** 1 of 1

Drilling Start Date:	**10/21/2024 11:44**	Boring Depth (ft):	**10**
Drilling End Date:	**10/21/2024 11:52**	Boring Diameter (in):	**2.0**
Drilling Company:	**EPhase 2**	Sampling Method(s):	**Grab**
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**N/A**
Drilling Equipment:	**GeoProbe 6712DT**	DTW After Drilling (ft):	**N/A**
Driller:	**Lukas Reiss**	Ground Surface Elev. (ft):	**N/A**
Logged By:	**Connor Grosso**	Location (Lat, Long):	**N/A**

DEPTH (ft)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	COLLECT: Sample Type	COLLECT: Time	COLLECT: Blow Counts	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample	DEPTH (ft)
0				GR			4.00	(0.00') Concrete: - 8 inches (0.60') Fill: Mixed with medium brown sand, - 19 inches (2.40') Fill: Concrete fill, - 6 inches (2.80') Silty SAND (SM); mostly fine-medium grained sand, trace silt, gray/brown, - 27 inches			0
5				GR			4.00	(5.00') Fill: Concrete mixed with medium brown sand, - 7.5 inches (5.60') Silty SAND (SM); mostly fine-medium grained sand, trace silt, gray/brown, - 29 inches (8.20') Lean CLAY (CL); mostly clay, moist, gray/brown, - 18.5 inches (9.60') Fill: Concrete mixed with moist gray/brown clay, - 5 inches			5
10											10

NOTES:

generated using LOGitEASY.com

BORING AND WELL LOG LEGEND

Laurel ENVIRONMENTAL GEOSCIENCES DPC

SURFACE
- ASPHALT
- CONCRETE
- FILL
- TOPSOIL
- AIR
- ICE

USCS
- Well-graded GRAVEL (GW)
- Poorly graded GRAVEL (GP)
- Silty GRAVEL (GM)
- Clayey GRAVEL (GC)
- Silty, Clayey GRAVEL (GC-GM)
- Well-graded GRAVEL with silt (GW-GM)
- Poorly graded GRAVEL with silt (GP-GM)
- Well-graded GRAVEL with clay (GW-GC)
- Poorly graded GRAVEL with clay (GP-GC)
- Well-graded SAND (SW)
- Poorly graded SAND (SP)
- Silty SAND (SM)
- Clayey SAND (SC)
- Silty, Clayey SAND (SC-SM)
- Well-graded SAND with silt (SW-SM)
- Poorly graded SAND with silt (SP-SM)
- Well-graded SAND with clay (SW-SC)
- Poorly graded SAND with clay (SP-SC)
- SILT (ML)
- Lean CLAY (CL)
- Silty CLAY (CL-ML)
- Organic SOIL (OL)
- Elastic SILT (MH)
- Fat CLAY (CH)
- Organic SOIL (OH)
- Organic SOIL (OL/OH)
- PEAT (PT)
- BEDROCK
- WATER

Non-USCS
- Gravel
- Sand
- Silt
- Clayey silt
- Silt & clay
- Clay & silt
- Silty clay
- Clay
- Boulders
- Cobbles
- Peastone
- Glacial till
- Iron ore
- Wood
- Peat
- Saprolite
- Ash
- Waste
- Mud
- Alluvium
- Colluvium
- Residuum

Soil/Rock Contact Lines
- Inferred
- Abrupt
- Gradational

Volume Descriptors
- Trace = <5%
- Few = 5-10%
- Little = 15-25%
- Some = 30-45%
- Mostly = >=50%

Water Levels
- Water Level During Drilling
- Water Level at End of Drilling/in Completed Well

Well/Boring Completion
- Cap
- Riser
- Screen
- End Plug
- Annular Seal
- Sanitary Seal (Bentonite Slurry/Chips/Pellets/Powder, Other)
- Filter Pack (Sand, Gravel, Other)
- Backfill

Sample Type
- GR — Grab
- EN — Encore
- SS — Split Spoon
- SH — Shelby Tube
- CO — Core Barrel
- DP — Direct Push
- ID — Lab Sample and ID

Rock
- IGNEOUS Rock
- METAMORPHIC Rock
- SEDIMENTARY Rock
- Agglomerate
- Andesite
- Basalt
- Diorite
- Gabbro
- Granite
- Rhyolite
- Tuff
- Volcanic breccia
- Gneiss
- Granulite
- Hornfels
- Marble
- Phyllite
- Quartzite
- Schist
- Serpentinite
- Skarn
- Slate
- Amphibolite
- Breccia
- Chalk
- Chert
- Claystone
- Coal
- Conglomerate
- Diatomite
- Dolomite
- Evaporite
- Graywacke
- Limestone
- Mudstone
- Sandstone
- Shale
- Siltstone

APPENDIX E

Subsurface Investigation
Laboratory Data Packages

Technical Report

prepared for:

Laurel Environmental Geosciences, D.P.C.
53 W Hills Road, Suite 1
Huntington Station NY, 11746
Attention: Scott Yanuck

Report Date: 11/08/2024
Client Project ID: 236 Richmond Valley Rd Staten Island A22-115 JB
York Project (SDG) No.: 24J1510

Revision No. 1.0

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

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

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 11/08/2024
Client Project ID: 236 Richmond Valley Rd Staten Island A22-115 JB
York Project (SDG) No.: 24J1510

Laurel Environmental Geosciences, D.P.C.
53 W Hills Road, Suite 1
Huntington Station NY, 11746
Attention: Scott Yanuck

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 October 23, 2024 and listed below. The project was identified as your project: **236 Richmond Valley Rd Staten Island A22-115 JB**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
24J1510-01	SB-1_6 in_Top Soil	Soil	10/21/2024	10/23/2024
24J1510-02	SB-4_2 in_Mulch	Soil	10/21/2024	10/23/2024
24J1510-03	Paige Avenue Composite Top Soil	Soil	10/21/2024	10/23/2024
24J1510-04	Paige Avenue Composite Mulch	Soil	10/21/2024	10/23/2024
24J1510-05	SB-5_0 in-12 in	Soil	10/21/2024	10/23/2024
24J1510-06	SB-6_0 in-12 in	Soil	10/21/2024	10/23/2024
24J1510-07	SB-7_0 in-12 in	Soil	10/21/2024	10/23/2024
24J1510-08	Trip Blank	Water	10/21/2024	10/23/2024
24J1510-09	Richmond Composite Mulch	Soil	10/22/2024	10/23/2024
24J1510-10	Richmond Composite Top Soil	Soil	10/22/2024	10/23/2024
24J1510-11	SB-14_4 in_Top Soil	Soil	10/22/2024	10/23/2024
24J1510-12	SB-17_2 in_Mulch	Soil	10/22/2024	10/23/2024
24J1510-13	SB-18_4 in-5.5 ft	Soil	10/22/2024	10/23/2024
24J1510-14	SB-21_6 in-5.5 ft	Soil	10/22/2024	10/23/2024
24J1510-15	SB-23_4 in-6 ft	Soil	10/22/2024	10/23/2024
24J1510-16	SB-19_2 in-16 in	Soil	10/22/2024	10/23/2024
24J1510-17	SB-15_3 ft	Soil	10/22/2024	10/23/2024
24J1510-18	Equipment Blank	Water	10/22/2024	10/23/2024

General Notes for York Project (SDG) No.: 24J1510

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

Approved By: Cassie L. Mosher

Cassie L. Mosher
Laboratory Manager

Date: 11/08/2024

Sample Information

Client Sample ID: SB-1_6 in_Top Soil

York Sample ID: 24J1510-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 21, 2024 1:10 pm	10/23/2024

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		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 13:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 13:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 13:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 13:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 13:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 13:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 13:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 13:41 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 13:41 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	SCB
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE, QL-02	mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 13:41 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 13:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 13:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 13:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 13:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 13:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 13:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 13:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
541-73-1	1,3-Dichlorobenzene	ND	QL-02	mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 13:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 13:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.053	0.11	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 13:41 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 13:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
591-78-6	2-Hexanone	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 13:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB

Sample Information

Client Sample ID: SB-1_6 in_Top Soil

York Sample ID: 24J1510-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 21, 2024 1:10 pm	10/23/2024

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
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 13:41	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-64-1	Acetone	ND		mg/kg dry	0.0053	0.011	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 13:41	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-02-8	Acrolein	ND	CCVE	mg/kg dry	0.0053	0.011	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 13:41	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 13:41	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 13:41	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 13:41	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 13:41	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-25-2	Bromoform	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 13:41	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 13:41	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 13:41	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 13:41	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 13:41	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 13:41	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 13:41	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 13:41	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 13:41	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 13:41	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	Cyclohexane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 13:41	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 13:41	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-95-3	Dibromomethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 13:41	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 13:41	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 13:41	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND	QL-02	mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 13:41	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04

Sample Information

Client Sample ID: SB-1_6 in_Top Soil

York Sample ID: 24J1510-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 21, 2024 1:10 pm	10/23/2024

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
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 13:41	SCB
79-20-9	Methyl acetate	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/24/2024 15:42 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/25/2024 13:41	SCB
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 13:41	SCB
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/24/2024 15:42 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/25/2024 13:41	SCB
75-09-2	Methylene chloride	ND		mg/kg dry	0.0053	0.011	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 13:41	SCB
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 13:41	SCB
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 13:41	SCB
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 13:41	SCB
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0053	0.011	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 13:41	SCB
99-87-6	p-Isopropyltoluene	ND	CCVE, QL-02	mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 13:41	SCB
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 13:41	SCB
100-42-5	Styrene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 13:41	SCB
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/24/2024 15:42 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/25/2024 13:41	SCB
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 13:41	SCB
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 13:41	SCB
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 13:41	SCB
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 13:41	SCB
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 13:41	SCB
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NJDEP-CT005	10/25/2024 13:41	SCB
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 13:41	SCB
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 13:41	SCB
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 13:41	SCB
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0080	0.016	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 13:41	SCB

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB-1_6 in_Top Soil **York Sample ID:** 24J1510-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 21, 2024 1:10 pm	10/23/2024

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: 1,2-Dichloroethane-d4*	*97.2 %*			*77-125*						
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.3 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*108 %*			*76-130*						

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		mg/kg dry			1	EPA 8260C Certifications:	10/24/2024 15:42	10/25/2024 13:41	SCB

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.9**		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	10/24/2024 08:51	10/24/2024 14:02	SMM

Sample Information

Client Sample ID: SB-4_2 in_Mulch **York Sample ID:** 24J1510-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 21, 2024 12:20 pm	10/23/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.027	0.054	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 14:34	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.027	0.054	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 14:34	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.027	0.054	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 14:34	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.027	0.054	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 14:34	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.027	0.054	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 14:34	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: SB-4_2 in_Mulch

York Sample ID: 24J1510-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 21, 2024 12:20 pm	10/23/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.027	0.054	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 14:34	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.027	0.054	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 14:34	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.027	0.054	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 14:34	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.027	0.054	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 14:34	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE, QL-02	mg/kg dry	0.027	0.054	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 14:34	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.027	0.054	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 14:34	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.027	0.054	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 14:34	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.027	0.054	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 14:34	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.027	0.054	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 14:34	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.027	0.054	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 14:34	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.027	0.054	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 14:34	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.027	0.054	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 14:34	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
541-73-1	1,3-Dichlorobenzene	ND	QL-02	mg/kg dry	0.027	0.054	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 14:34	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.027	0.054	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 14:34	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.54	1.1	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 14:34	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
78-93-3	2-Butanone	ND		mg/kg dry	0.027	0.054	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 14:34	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
591-78-6	2-Hexanone	ND		mg/kg dry	0.027	0.054	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 14:34	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.027	0.054	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 14:34	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-64-1	**Acetone**	**0.071**	J	mg/kg dry	0.054	0.11	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 14:34	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
107-02-8	Acrolein	ND	CCVE	mg/kg dry	0.054	0.11	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 14:34	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-13-1	Acrylonitrile	ND		mg/kg dry	0.027	0.054	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 14:34	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-43-2	Benzene	ND		mg/kg dry	0.027	0.054	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 14:34	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-97-5	Bromochloromethane	ND		mg/kg dry	0.027	0.054	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 14:34	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04

Sample Information

Client Sample ID: SB-4_2 in_Mulch

York Sample ID: 24J1510-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 21, 2024 12:20 pm	10/23/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.027	0.054	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 14:34	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-25-2	Bromoform	ND		mg/kg dry	0.027	0.054	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 14:34	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND		mg/kg dry	0.027	0.054	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 14:34	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND		mg/kg dry	0.027	0.054	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 14:34	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.027	0.054	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 14:34	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		mg/kg dry	0.027	0.054	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 14:34	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		mg/kg dry	0.027	0.054	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 14:34	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		mg/kg dry	0.027	0.054	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 14:34	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND		mg/kg dry	0.027	0.054	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 14:34	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.027	0.054	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 14:34	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.027	0.054	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 14:34	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	Cyclohexane	ND		mg/kg dry	0.027	0.054	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 14:34	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.027	0.054	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 14:34	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-95-3	Dibromomethane	ND		mg/kg dry	0.027	0.054	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 14:34	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.027	0.054	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 14:34	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.027	0.054	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 14:34	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND	QL-02	mg/kg dry	0.027	0.054	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 14:34	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.027	0.054	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 14:34	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-20-9	Methyl acetate	ND		mg/kg dry	0.027	0.054	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 14:34	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.027	0.054	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 14:34	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.027	0.054	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 14:34	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-09-2	Methylene chloride	ND		mg/kg dry	0.054	0.11	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 14:34	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.027	0.054	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 14:34	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: SB-4_2 in_Mulch **York Sample ID:** 24J1510-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 21, 2024 12:20 pm	10/23/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.027	0.054	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 14:34	SCB
95-47-6	o-Xylene	ND		mg/kg dry	0.027	0.054	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 14:34	SCB
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.054	0.11	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 14:34	SCB
99-87-6	p-Isopropyltoluene	ND	CCVE, QL-02	mg/kg dry	0.027	0.054	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 14:34	SCB
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.027	0.054	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 14:34	SCB
100-42-5	Styrene	ND		mg/kg dry	0.027	0.054	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 14:34	SCB
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.027	0.054	1	EPA 8260D Certifications:	10/24/2024 15:42 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/25/2024 14:34	SCB
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.027	0.054	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 14:34	SCB
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.027	0.054	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 14:34	SCB
108-88-3	Toluene	ND		mg/kg dry	0.027	0.054	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 14:34	SCB
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.027	0.054	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 14:34	SCB
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.027	0.054	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 14:34	SCB
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.027	0.054	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NJDEP-CT005	10/25/2024 14:34	SCB
79-01-6	Trichloroethylene	ND		mg/kg dry	0.027	0.054	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 14:34	SCB
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.027	0.054	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 14:34	SCB
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.027	0.054	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 14:34	SCB
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.081	0.16	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 14:34	SCB

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*111 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*115 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		mg/kg dry			1	EPA 8260C Certifications:	10/24/2024 15:42	10/25/2024 14:34	SCB

Sample Information

Client Sample ID: SB-4_2 in_Mulch **York Sample ID:** 24J1510-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 21, 2024 12:20 pm	10/23/2024

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**49.4**		%	0.100	1	SM 2540G	10/24/2024 08:51	10/24/2024 14:02	SMM
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: Paige Avenue Composite Top Soil **York Sample ID:** 24J1510-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 21, 2024 1:15 pm	10/23/2024

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	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270E	10/25/2024 08:45	10/28/2024 18:24	SS
								Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0911	0.182	2	EPA 8270E	10/25/2024 08:45	10/28/2024 18:24	SS
								Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270E	10/25/2024 08:45	10/28/2024 18:24	SS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270E	10/25/2024 08:45	10/28/2024 18:24	SS
								Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270E	10/25/2024 08:45	10/28/2024 18:24	SS
								Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270E	10/25/2024 08:45	10/28/2024 18:24	SS
								Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270E	10/25/2024 08:45	10/28/2024 18:24	SS
								Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0911	0.182	2	EPA 8270E	10/25/2024 08:45	10/28/2024 18:24	SS
								Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270E	10/25/2024 08:45	10/28/2024 18:24	SS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270E	10/25/2024 08:45	10/28/2024 18:24	SS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270E	10/25/2024 08:45	10/28/2024 18:24	SS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0457	0.0911	2	EPA 8270E	10/25/2024 08:45	10/28/2024 18:24	SS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0911	0.182	2	EPA 8270E	10/25/2024 08:45	10/28/2024 18:24	SS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270E	10/25/2024 08:45	10/28/2024 18:24	SS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			

Sample Information

Client Sample ID: Paige Avenue Composite Top Soil

York Sample ID: 24J1510-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 21, 2024 1:15 pm	10/23/2024

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
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0911	0.182	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:24	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0911	0.182	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0911	0.182	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0911	0.182	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0911	0.182	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
83-32-9	Acenaphthene	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
208-96-8	**Acenaphthylene**	**0.275**		mg/kg dry	0.0457	0.0911	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
98-86-2	Acetophenone	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:24	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
62-53-3	Aniline	ND		mg/kg dry	0.182	0.365	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:24	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
120-12-7	**Anthracene**	**0.202**		mg/kg dry	0.0457	0.0911	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
1912-24-9	Atrazine	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:24	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440

Sample Information

Client Sample ID: Paige Avenue Composite Top Soil

York Sample ID: 24J1510-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 21, 2024 1:15 pm	10/23/2024

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
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270E Certifications:	10/25/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/28/2024 18:24	SS
92-87-5	Benzidine	ND		mg/kg dry	0.182	0.365	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 18:24	SS
56-55-3	**Benzo(a)anthracene**	**0.603**		mg/kg dry	0.0457	0.0911	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/28/2024 18:24	SS
50-32-8	**Benzo(a)pyrene**	**0.148**		mg/kg dry	0.0457	0.0911	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/28/2024 18:24	SS
205-99-2	**Benzo(b)fluoranthene**	**0.598**		mg/kg dry	0.0457	0.0911	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/28/2024 18:24	SS
191-24-2	**Benzo(g,h,i)perylene**	**0.280**		mg/kg dry	0.0457	0.0911	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/28/2024 18:24	SS
207-08-9	**Benzo(k)fluoranthene**	**0.594**		mg/kg dry	0.0457	0.0911	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/28/2024 18:24	SS
65-85-0	Benzoic acid	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270E Certifications:	10/25/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/28/2024 18:24	SS
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270E Certifications:	10/25/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/28/2024 18:24	SS
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 18:24	SS
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 18:24	SS
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 18:24	SS
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 18:24	SS
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.0729**	J	mg/kg dry	0.0457	0.0911	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/28/2024 18:24	SS
105-60-2	Caprolactam	ND		mg/kg dry	0.0911	0.182	2	EPA 8270E Certifications:	10/25/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/28/2024 18:24	SS
86-74-8	**Carbazole**	**0.0903**	J	mg/kg dry	0.0457	0.0911	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/28/2024 18:24	SS
218-01-9	**Chrysene**	**0.625**		mg/kg dry	0.0457	0.0911	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/28/2024 18:24	SS
53-70-3	**Dibenzo(a,h)anthracene**	**0.114**		mg/kg dry	0.0457	0.0911	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/28/2024 18:24	SS
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 18:24	SS
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 18:24	SS
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 18:24	SS
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 18:24	SS
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 18:24	SS

Sample Information

Client Sample ID: Paige Avenue Composite Top Soil **York Sample ID:** 24J1510-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 21, 2024 1:15 pm	10/23/2024

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
122-39-4	* Diphenylamine	ND		mg/kg dry	0.0911	0.182	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:24	SS
206-44-0	**Fluoranthene**	**1.30**		mg/kg dry	0.0457	0.0911	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
86-73-7	**Fluorene**	**0.0583**	J	mg/kg dry	0.0457	0.0911	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:24	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
87-68-3	Hexachlorobutadiene	ND	CCVE	mg/kg dry	0.0457	0.0911	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0457	0.0911	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.297**	CCVE	mg/kg dry	0.0457	0.0911	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
78-59-1	Isophorone	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-20-3	Naphthalene	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0457	0.0911	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
85-01-8	**Phenanthrene**	**0.396**		mg/kg dry	0.0457	0.0911	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
108-95-2	Phenol	ND		mg/kg dry	0.0457	0.0911	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
129-00-0	**Pyrene**	**0.694**		mg/kg dry	0.0457	0.0911	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*82.4 %*		*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*115 %*	S-08	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*86.6 %*		*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*59.3 %*		*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*64.6 %*		*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*52.8 %*		*24-116*

Sample Information

Client Sample ID: **Paige Avenue Composite Top Soil** **York Sample ID:** **24J1510-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 21, 2024 1:15 pm	10/23/2024

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
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00180	5	EPA 8081B	10/28/2024 08:39	10/29/2024 13:47	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00180	5	EPA 8081B	10/28/2024 08:39	10/29/2024 13:47	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00180	5	EPA 8081B	10/28/2024 08:39	10/29/2024 13:47	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00180	5	EPA 8081B	10/28/2024 08:39	10/29/2024 13:47	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B	10/28/2024 08:39	10/29/2024 13:47	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	**alpha-Chlordane**	**0.00281**		mg/kg dry	0.00180	5	EPA 8081B	10/28/2024 08:39	10/29/2024 13:47	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
319-85-7	beta-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B	10/28/2024 08:39	10/29/2024 13:47	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0359	5	EPA 8081B	10/28/2024 08:39	10/29/2024 13:47	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B	10/28/2024 08:39	10/29/2024 13:47	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00180	5	EPA 8081B	10/28/2024 08:39	10/29/2024 13:47	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00180	5	EPA 8081B	10/28/2024 08:39	10/29/2024 13:47	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00180	5	EPA 8081B	10/28/2024 08:39	10/29/2024 13:47	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00180	5	EPA 8081B	10/28/2024 08:39	10/29/2024 13:47	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00180	5	EPA 8081B	10/28/2024 08:39	10/29/2024 13:47	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00180	5	EPA 8081B	10/28/2024 08:39	10/29/2024 13:47	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00180	5	EPA 8081B	10/28/2024 08:39	10/29/2024 13:47	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00180	5	EPA 8081B	10/28/2024 08:39	10/29/2024 13:47	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	**gamma-Chlordane**	**0.00377**	P	mg/kg dry	0.00180	5	EPA 8081B	10/28/2024 08:39	10/29/2024 13:47	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
76-44-8	Heptachlor	ND		mg/kg dry	0.00180	5	EPA 8081B	10/28/2024 08:39	10/29/2024 13:47	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00180	5	EPA 8081B	10/28/2024 08:39	10/29/2024 13:47	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00180	5	EPA 8081B	10/28/2024 08:39	10/29/2024 13:47	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.180	5	EPA 8081B	10/28/2024 08:39	10/29/2024 13:47	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: Paige Avenue Composite Top Soil **York Sample ID:** 24J1510-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 21, 2024 1:15 pm	10/23/2024

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
2051-24-3	*Surrogate: Decachlorobiphenyl*	*78.3 %*			*30-150*					
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*98.4 %*			*30-150*					

Polychlorinated Biphenyls (PCB)-8082

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0181	1	EPA 8082A	10/28/2024 08:39	10/29/2024 10:11	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0181	1	EPA 8082A	10/28/2024 08:39	10/29/2024 10:11	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0181	1	EPA 8082A	10/28/2024 08:39	10/29/2024 10:11	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0181	1	EPA 8082A	10/28/2024 08:39	10/29/2024 10:11	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	**Aroclor 1248**	**0.0857**		mg/kg dry	0.0181	1	EPA 8082A	10/28/2024 08:39	10/29/2024 10:11	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0181	1	EPA 8082A	10/28/2024 08:39	10/29/2024 10:11	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	**Aroclor 1260**	**0.0523**		mg/kg dry	0.0181	1	EPA 8082A	10/28/2024 08:39	10/29/2024 10:11	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04		
1336-36-3	*** Total PCBs**	**0.138**		mg/kg dry	0.0181	1	EPA 8082A	10/28/2024 08:39	10/29/2024 10:11	NF
							Certifications:			

Surrogate Recoveries		Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*77.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*59.0 %*	*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		mg/kg dry	0.0219	1	EPA 8151A	10/26/2024 08:08	10/27/2024 14:22	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0219	1	EPA 8151A	10/26/2024 08:08	10/27/2024 14:22	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0219	1	EPA 8151A	10/26/2024 08:08	10/27/2024 14:22	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries		Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*48.6 %*	*21-150*

Lead TCLP by EPA 6010

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

Sample Information

Client Sample ID: Paige Avenue Composite Top Soil **York Sample ID:** 24J1510-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 21, 2024 1:15 pm	10/23/2024

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**	**0.252**		mg/L	0.125	1	EPA 6010D/1311	11/07/2024 08:29	11/08/2024 11:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

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**	**7910**		mg/kg dry	4.60	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-36-0	**Antimony**	**5.22**		mg/kg dry	2.30	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-38-2	**Arsenic**	**6.25**		mg/kg dry	1.38	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**78.6**		mg/kg dry	2.30	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	**Beryllium**	**0.554**		mg/kg dry	0.046	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-43-9	**Cadmium**	**0.396**		mg/kg dry	0.276	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-70-2	**Calcium**	**32200**		mg/kg dry	4.60	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	**Chromium**	**23.5**		mg/kg dry	0.460	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-48-4	**Cobalt**	**9.80**		mg/kg dry	0.368	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**758**		mg/kg dry	1.84	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	**Iron**	**15100**		mg/kg dry	23.0	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**669**		mg/kg dry	0.460	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	**Magnesium**	**5630**		mg/kg dry	4.60	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**181**		mg/kg dry	0.460	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**27.1**		mg/kg dry	0.916	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	**Potassium**	**1420**		mg/kg dry	4.60	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	2.30	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-22-4	**Silver**	**0.552**		mg/kg dry	0.464	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-23-5	**Sodium**	**219**		mg/kg dry	46.0	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: Paige Avenue Composite Top Soil **York Sample ID:** 24J1510-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 21, 2024 1:15 pm	10/23/2024

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
7440-28-0	Thallium	ND		mg/kg dry	2.30	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**20.7**		mg/kg dry	0.916	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	**Zinc**	**629**		mg/kg dry	2.29	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0821**		mg/kg dry	0.0331	1	EPA 7473	10/29/2024 13:26	10/29/2024 16:02	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.6**		%	0.100	1	SM 2540G	10/24/2024 08:51	10/24/2024 14:02	SMM
							Certifications:	CTDOH-PH-0723		

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	10/31/2024 16:40	11/01/2024 10:50	GJK
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Paige Avenue Composite Mulch **York Sample ID:** 24J1510-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 21, 2024 1:20 pm	10/23/2024

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

Sample Information

Client Sample ID: Paige Avenue Composite Mulch **York Sample ID:** 24J1510-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 21, 2024 1:20 pm	10/23/2024

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	ND		mg/kg dry	0.0614	0.123	2	EPA 8270E Certifications:	10/25/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/28/2024 18:54	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.123	0.245	2	EPA 8270E Certifications:	10/25/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/28/2024 18:54	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0614	0.123	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 18:54	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0614	0.123	2	EPA 8270E Certifications:	10/25/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/28/2024 18:54	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0614	0.123	2	EPA 8270E Certifications:	10/25/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/28/2024 18:54	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0614	0.123	2	EPA 8270E Certifications:	10/25/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/28/2024 18:54	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0614	0.123	2	EPA 8270E Certifications:	10/25/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/28/2024 18:54	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.123	0.245	2	EPA 8270E Certifications:	10/25/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/28/2024 18:54	SS
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0614	0.123	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 18:54	SS
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0614	0.123	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 18:54	SS
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0614	0.123	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 18:54	SS
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0614	0.123	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 18:54	SS
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.123	0.245	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 18:54	SS
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0614	0.123	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 18:54	SS
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0614	0.123	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 18:54	SS
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0614	0.123	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 18:54	SS
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0614	0.123	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 18:54	SS
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0614	0.123	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 18:54	SS
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0614	0.123	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 18:54	SS
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.123	0.245	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 18:54	SS
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0614	0.123	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 18:54	SS
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0614	0.123	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 18:54	SS
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0614	0.123	2	EPA 8270E Certifications:	10/25/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/28/2024 18:54	SS

Sample Information

Client Sample ID: Paige Avenue Composite Mulch

York Sample ID: 24J1510-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 21, 2024 1:20 pm	10/23/2024

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		mg/kg dry	0.123	0.245	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.123	0.245	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0614	0.123	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0614	0.123	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0614	0.123	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0614	0.123	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.123	0.245	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.123	0.245	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
83-32-9	Acenaphthene	ND		mg/kg dry	0.0614	0.123	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
208-96-8	**Acenaphthylene**	**0.161**		mg/kg dry	0.0614	0.123	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
98-86-2	Acetophenone	ND		mg/kg dry	0.0614	0.123	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:54	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
62-53-3	Aniline	ND		mg/kg dry	0.245	0.491	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:54	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
120-12-7	**Anthracene**	**0.149**		mg/kg dry	0.0614	0.123	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
1912-24-9	Atrazine	ND		mg/kg dry	0.0614	0.123	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:54	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0614	0.123	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:54	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
92-87-5	Benzidine	ND		mg/kg dry	0.245	0.491	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
56-55-3	**Benzo(a)anthracene**	**0.370**		mg/kg dry	0.0614	0.123	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
50-32-8	**Benzo(a)pyrene**	**0.291**		mg/kg dry	0.0614	0.123	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
205-99-2	**Benzo(b)fluoranthene**	**0.305**		mg/kg dry	0.0614	0.123	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
191-24-2	**Benzo(g,h,i)perylene**	**0.177**		mg/kg dry	0.0614	0.123	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
207-08-9	**Benzo(k)fluoranthene**	**0.304**		mg/kg dry	0.0614	0.123	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
65-85-0	Benzoic acid	ND		mg/kg dry	0.0614	0.123	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:54	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0614	0.123	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:54	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440

Sample Information

Client Sample ID: **Paige Avenue Composite Mulch** **York Sample ID:** **24J1510-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 21, 2024 1:20 pm	10/23/2024

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	ND		mg/kg dry	0.0614	0.123	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0614	0.123	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0614	0.123	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0614	0.123	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.0685**	J	mg/kg dry	0.0614	0.123	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
105-60-2	Caprolactam	ND		mg/kg dry	0.123	0.245	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:54	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
86-74-8	**Carbazole**	**0.0627**	J	mg/kg dry	0.0614	0.123	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
218-01-9	**Chrysene**	**0.391**		mg/kg dry	0.0614	0.123	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
53-70-3	**Dibenzo(a,h)anthracene**	**0.0656**	J	mg/kg dry	0.0614	0.123	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0614	0.123	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0614	0.123	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0614	0.123	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0614	0.123	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0614	0.123	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
122-39-4	* Diphenylamine	ND		mg/kg dry	0.123	0.245	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:54	SS
206-44-0	**Fluoranthene**	**0.893**		mg/kg dry	0.0614	0.123	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
86-73-7	Fluorene	ND		mg/kg dry	0.0614	0.123	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:54	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0614	0.123	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
87-68-3	Hexachlorobutadiene	ND	CCVE	mg/kg dry	0.0614	0.123	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0614	0.123	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0614	0.123	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.185**	CCVE	mg/kg dry	0.0614	0.123	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
78-59-1	Isophorone	ND		mg/kg dry	0.0614	0.123	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 18:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: Paige Avenue Composite Mulch **York Sample ID:** 24J1510-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 21, 2024 1:20 pm	10/23/2024

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	ND		mg/kg dry	0.0614	0.123	2	EPA 8270E	10/25/2024 08:45	10/28/2024 18:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0614	0.123	2	EPA 8270E	10/25/2024 08:45	10/28/2024 18:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0614	0.123	2	EPA 8270E	10/25/2024 08:45	10/28/2024 18:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0614	0.123	2	EPA 8270E	10/25/2024 08:45	10/28/2024 18:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0614	0.123	2	EPA 8270E	10/25/2024 08:45	10/28/2024 18:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0614	0.123	2	EPA 8270E	10/25/2024 08:45	10/28/2024 18:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.335**		mg/kg dry	0.0614	0.123	2	EPA 8270E	10/25/2024 08:45	10/28/2024 18:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
108-95-2	Phenol	ND		mg/kg dry	0.0614	0.123	2	EPA 8270E	10/25/2024 08:45	10/28/2024 18:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.458**		mg/kg dry	0.0614	0.123	2	EPA 8270E	10/25/2024 08:45	10/28/2024 18:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*60.3 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*81.8 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*70.2 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*48.7 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*59.2 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*43.2 %*	*24-116*

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		mg/kg dry	0.00245	5	EPA 8081B	10/28/2024 08:39	10/29/2024 14:04	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE [2C]	ND		mg/kg dry	0.00245	5	EPA 8081B	10/28/2024 08:39	10/29/2024 14:04	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00245	5	EPA 8081B	10/28/2024 08:39	10/29/2024 14:04	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00245	5	EPA 8081B	10/28/2024 08:39	10/29/2024 14:04	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00245	5	EPA 8081B	10/28/2024 08:39	10/29/2024 14:04	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	**alpha-Chlordane**	**0.00316**		mg/kg dry	0.00245	5	EPA 8081B	10/28/2024 08:39	10/29/2024 14:04	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: **Paige Avenue Composite Mulch** **York Sample ID:** **24J1510-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 21, 2024 1:20 pm	10/23/2024

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		mg/kg dry	0.00245	5	EPA 8081B	10/28/2024 08:39	10/29/2024 14:04	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0490	5	EPA 8081B	10/28/2024 08:39	10/29/2024 14:04	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00245	5	EPA 8081B	10/28/2024 08:39	10/29/2024 14:04	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00245	5	EPA 8081B	10/28/2024 08:39	10/29/2024 14:04	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00245	5	EPA 8081B	10/28/2024 08:39	10/29/2024 14:04	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00245	5	EPA 8081B	10/28/2024 08:39	10/29/2024 14:04	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00245	5	EPA 8081B	10/28/2024 08:39	10/29/2024 14:04	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00245	5	EPA 8081B	10/28/2024 08:39	10/29/2024 14:04	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00245	5	EPA 8081B	10/28/2024 08:39	10/29/2024 14:04	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00245	5	EPA 8081B	10/28/2024 08:39	10/29/2024 14:04	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00245	5	EPA 8081B	10/28/2024 08:39	10/29/2024 14:04	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	**gamma-Chlordane**	**0.00373**	P	mg/kg dry	0.00245	5	EPA 8081B	10/28/2024 08:39	10/29/2024 14:04	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
76-44-8	Heptachlor	ND		mg/kg dry	0.00245	5	EPA 8081B	10/28/2024 08:39	10/29/2024 14:04	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00245	5	EPA 8081B	10/28/2024 08:39	10/29/2024 14:04	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00245	5	EPA 8081B	10/28/2024 08:39	10/29/2024 14:04	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.245	5	EPA 8081B	10/28/2024 08:39	10/29/2024 14:04	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*76.3 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*98.1 %*	*30-150*

Polychlorinated Biphenyls (PCB)-8082

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	0.0247	1	EPA 8082A	10/28/2024 08:39	10/29/2024 10:52	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0247	1	EPA 8082A	10/28/2024 08:39	10/29/2024 10:52	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Paige Avenue Composite Mulch **York Sample ID:** 24J1510-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 21, 2024 1:20 pm	10/23/2024

Polychlorinated Biphenyls (PCB)-8082

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0247	1	EPA 8082A	10/28/2024 08:39	10/29/2024 10:52	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0247	1	EPA 8082A	10/28/2024 08:39	10/29/2024 10:52	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	**Aroclor 1248**	**0.111**		mg/kg dry	0.0247	1	EPA 8082A	10/28/2024 08:39	10/29/2024 10:52	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0247	1	EPA 8082A	10/28/2024 08:39	10/29/2024 10:52	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	**Aroclor 1260**	**0.0329**	P	mg/kg dry	0.0247	1	EPA 8082A	10/28/2024 08:39	10/29/2024 10:52	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04		
1336-36-3	*** Total PCBs**	**0.144**		mg/kg dry	0.0247	1	EPA 8082A	10/28/2024 08:39	10/29/2024 10:52	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*74.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*54.0 %*	*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		mg/kg dry	0.0299	1	EPA 8151A	10/26/2024 08:08	10/27/2024 14:29	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0299	1	EPA 8151A	10/26/2024 08:08	10/27/2024 14:29	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0299	1	EPA 8151A	10/26/2024 08:08	10/27/2024 14:29	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*61.8 %*	*21-150*

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**	**9750**		mg/kg dry	6.26	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-36-0	Antimony	ND		mg/kg dry	3.13	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**7.80**		mg/kg dry	1.88	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**68.3**		mg/kg dry	3.13	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: **Paige Avenue Composite Mulch** **York Sample ID:** **24J1510-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 21, 2024 1:20 pm	10/23/2024

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**	**0.576**		mg/kg dry	0.063	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-43-9	**Cadmium**	**0.413**		mg/kg dry	0.376	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-70-2	**Calcium**	**39500**		mg/kg dry	6.26	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	**Chromium**	**25.1**		mg/kg dry	0.627	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-48-4	**Cobalt**	**9.18**		mg/kg dry	0.501	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**402**		mg/kg dry	2.51	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	**Iron**	**18300**		mg/kg dry	31.3	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**220**		mg/kg dry	0.627	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	**Magnesium**	**15600**		mg/kg dry	6.27	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**325**		mg/kg dry	0.627	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**38.4**		mg/kg dry	1.25	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	**Potassium**	**1500**		mg/kg dry	6.27	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	3.13	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.631	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**411**		mg/kg dry	62.6	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-28-0	Thallium	ND		mg/kg dry	3.13	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**30.6**		mg/kg dry	1.25	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	**Zinc**	**259**		mg/kg dry	3.12	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.137**		mg/kg dry	0.0451	1	EPA 7473	10/26/2024 08:16	10/29/2024 15:35	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04		

Sample Information

Client Sample ID: Paige Avenue Composite Mulch **York Sample ID:** 24J1510-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 21, 2024 1:20 pm	10/23/2024

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**66.5**		%	0.100	1	SM 2540G	10/24/2024 08:51	10/24/2024 14:02	SMM
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: SB-5_0 in-12 in **York Sample ID:** 24J1510-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 21, 2024 1:45 pm	10/23/2024

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		mg/kg dry	0.0030	0.0059	1	EPA 8260D	10/24/2024 15:42	10/25/2024 15:01	SCB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	10/24/2024 15:42	10/25/2024 15:01	SCB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	10/24/2024 15:42	10/25/2024 15:01	SCB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	10/24/2024 15:42	10/25/2024 15:01	SCB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	10/24/2024 15:42	10/25/2024 15:01	SCB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	10/24/2024 15:42	10/25/2024 15:01	SCB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	10/24/2024 15:42	10/25/2024 15:01	SCB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	10/24/2024 15:42	10/25/2024 15:01	SCB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	10/24/2024 15:42	10/25/2024 15:01	SCB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE, QL-02	mg/kg dry	0.0030	0.0059	1	EPA 8260D	10/24/2024 15:42	10/25/2024 15:01	SCB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	10/24/2024 15:42	10/25/2024 15:01	SCB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	10/24/2024 15:42	10/25/2024 15:01	SCB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	10/24/2024 15:42	10/25/2024 15:01	SCB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	10/24/2024 15:42	10/25/2024 15:01	SCB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			

Sample Information

Client Sample ID: SB-5_0 in-12 in **York Sample ID:** 24J1510-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 21, 2024 1:45 pm	10/23/2024

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
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:01 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:01 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:01 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
541-73-1	1,3-Dichlorobenzene	ND	QL-02	mg/kg dry	0.0030	0.0059	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:01 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:01 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.059	0.12	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:01 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
78-93-3	2-Butanone	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:01 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
591-78-6	2-Hexanone	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:01 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:01 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
67-64-1	Acetone	ND		mg/kg dry	0.0059	0.012	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:01 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
107-02-8	Acrolein	ND	CCVE	mg/kg dry	0.0059	0.012	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:01 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:01 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
71-43-2	Benzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:01 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:01 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:01 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
75-25-2	Bromoform	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:01 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
74-83-9	Bromomethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:01 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:01 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:01 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:01 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
75-00-3	Chloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:01 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
67-66-3	Chloroform	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:01 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
74-87-3	Chloromethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:01 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB

Sample Information

Client Sample ID: SB-5_0 in-12 in

York Sample ID: 24J1510-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 21, 2024 1:45 pm	10/23/2024

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
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:01 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:01 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
110-82-7	Cyclohexane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:01 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:01 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
74-95-3	Dibromomethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:01 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:01 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:01 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
87-68-3	Hexachlorobutadiene	ND	QL-02	mg/kg dry	0.0030	0.0059	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:01 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:01 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
79-20-9	Methyl acetate	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:01 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:01 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:01 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
75-09-2	Methylene chloride	ND		mg/kg dry	0.0059	0.012	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:01 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:01 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:01 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
95-47-6	o-Xylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:01 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0059	0.012	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:01 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
99-87-6	p-Isopropyltoluene	ND	CCVE, QL-02	mg/kg dry	0.0030	0.0059	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:01 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:01 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
100-42-5	Styrene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:01 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:01 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:01 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0030	0.0059	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:01 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB

Sample Information

Client Sample ID: SB-5_0 in-12 in **York Sample ID:** 24J1510-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 21, 2024 1:45 pm	10/23/2024

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
108-88-3	Toluene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 15:01	SCB
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 15:01	SCB
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 15:01	SCB
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NJDEP-CT005	10/25/2024 15:01	SCB
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 15:01	SCB
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 15:01	SCB
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 15:01	SCB
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0089	0.018	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 15:01	SCB

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.5 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*105 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E Certifications:	10/25/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/28/2024 19:24	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0853	0.170	2	EPA 8270E Certifications:	10/25/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/28/2024 19:24	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 19:24	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E Certifications:	10/25/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/28/2024 19:24	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E Certifications:	10/25/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/28/2024 19:24	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E Certifications:	10/25/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/28/2024 19:24	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E Certifications:	10/25/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/28/2024 19:24	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0853	0.170	2	EPA 8270E Certifications:	10/25/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/28/2024 19:24	SS
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 19:24	SS

Sample Information

Client Sample ID: SB-5_0 in-12 in

York Sample ID: 24J1510-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 21, 2024 1:45 pm	10/23/2024

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
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 19:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 19:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0427	0.0853	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 19:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0853	0.170	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 19:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 19:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 19:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 19:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 19:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 19:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 19:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0853	0.170	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 19:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 19:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 19:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 19:24 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0853	0.170	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 19:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0853	0.170	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 19:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 19:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 19:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 19:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 19:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0853	0.170	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 19:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0853	0.170	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 19:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
83-32-9	**Acenaphthene**	**0.121**		mg/kg dry	0.0427	0.0853	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 19:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	SS

Sample Information

Client Sample ID: SB-5_0 in-12 in

York Sample ID: 24J1510-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 21, 2024 1:45 pm	10/23/2024

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
208-96-8	**Acenaphthylene**	**0.233**		mg/kg dry	0.0427	0.0853	2	EPA 8270E	10/25/2024 08:45	10/28/2024 19:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
98-86-2	Acetophenone	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E	10/25/2024 08:45	10/28/2024 19:24	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.171	0.341	2	EPA 8270E	10/25/2024 08:45	10/28/2024 19:24	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	**Anthracene**	**0.367**		mg/kg dry	0.0427	0.0853	2	EPA 8270E	10/25/2024 08:45	10/28/2024 19:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
1912-24-9	Atrazine	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E	10/25/2024 08:45	10/28/2024 19:24	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E	10/25/2024 08:45	10/28/2024 19:24	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.171	0.341	2	EPA 8270E	10/25/2024 08:45	10/28/2024 19:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	**Benzo(a)anthracene**	**0.964**		mg/kg dry	0.0427	0.0853	2	EPA 8270E	10/25/2024 08:45	10/28/2024 19:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
50-32-8	**Benzo(a)pyrene**	**0.804**		mg/kg dry	0.0427	0.0853	2	EPA 8270E	10/25/2024 08:45	10/28/2024 19:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
205-99-2	**Benzo(b)fluoranthene**	**0.739**		mg/kg dry	0.0427	0.0853	2	EPA 8270E	10/25/2024 08:45	10/28/2024 19:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
191-24-2	**Benzo(g,h,i)perylene**	**0.369**		mg/kg dry	0.0427	0.0853	2	EPA 8270E	10/25/2024 08:45	10/28/2024 19:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
207-08-9	**Benzo(k)fluoranthene**	**0.667**		mg/kg dry	0.0427	0.0853	2	EPA 8270E	10/25/2024 08:45	10/28/2024 19:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E	10/25/2024 08:45	10/28/2024 19:24	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E	10/25/2024 08:45	10/28/2024 19:24	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E	10/25/2024 08:45	10/28/2024 19:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E	10/25/2024 08:45	10/28/2024 19:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E	10/25/2024 08:45	10/28/2024 19:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E	10/25/2024 08:45	10/28/2024 19:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.0593**	J	mg/kg dry	0.0427	0.0853	2	EPA 8270E	10/25/2024 08:45	10/28/2024 19:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
105-60-2	Caprolactam	ND		mg/kg dry	0.0853	0.170	2	EPA 8270E	10/25/2024 08:45	10/28/2024 19:24	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	**Carbazole**	**0.161**		mg/kg dry	0.0427	0.0853	2	EPA 8270E	10/25/2024 08:45	10/28/2024 19:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
218-01-9	**Chrysene**	**1.02**		mg/kg dry	0.0427	0.0853	2	EPA 8270E	10/25/2024 08:45	10/28/2024 19:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
53-70-3	**Dibenzo(a,h)anthracene**	**0.143**		mg/kg dry	0.0427	0.0853	2	EPA 8270E	10/25/2024 08:45	10/28/2024 19:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB-5_0 in-12 in

York Sample ID: 24J1510-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 21, 2024 1:45 pm	10/23/2024

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
132-64-9	**Dibenzofuran**	**0.0620**	J	mg/kg dry	0.0427	0.0853	2	EPA 8270E	10/25/2024 08:45	10/28/2024 19:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E	10/25/2024 08:45	10/28/2024 19:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E	10/25/2024 08:45	10/28/2024 19:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E	10/25/2024 08:45	10/28/2024 19:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E	10/25/2024 08:45	10/28/2024 19:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.0853	0.170	2	EPA 8270E	10/25/2024 08:45	10/28/2024 19:24	SS
								Certifications:			
206-44-0	**Fluoranthene**	**2.24**		mg/kg dry	0.0427	0.0853	2	EPA 8270E	10/25/2024 08:45	10/28/2024 19:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
86-73-7	**Fluorene**	**0.140**		mg/kg dry	0.0427	0.0853	2	EPA 8270E	10/25/2024 08:45	10/28/2024 19:24	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E	10/25/2024 08:45	10/28/2024 19:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND	CCVE	mg/kg dry	0.0427	0.0853	2	EPA 8270E	10/25/2024 08:45	10/28/2024 19:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0427	0.0853	2	EPA 8270E	10/25/2024 08:45	10/28/2024 19:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E	10/25/2024 08:45	10/28/2024 19:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.394**	CCVE	mg/kg dry	0.0427	0.0853	2	EPA 8270E	10/25/2024 08:45	10/28/2024 19:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
78-59-1	Isophorone	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E	10/25/2024 08:45	10/28/2024 19:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E	10/25/2024 08:45	10/28/2024 19:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E	10/25/2024 08:45	10/28/2024 19:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E	10/25/2024 08:45	10/28/2024 19:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E	10/25/2024 08:45	10/28/2024 19:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E	10/25/2024 08:45	10/28/2024 19:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0427	0.0853	2	EPA 8270E	10/25/2024 08:45	10/28/2024 19:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**1.01**		mg/kg dry	0.0427	0.0853	2	EPA 8270E	10/25/2024 08:45	10/28/2024 19:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
108-95-2	Phenol	ND		mg/kg dry	0.0427	0.0853	2	EPA 8270E	10/25/2024 08:45	10/28/2024 19:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**1.23**		mg/kg dry	0.0427	0.0853	2	EPA 8270E	10/25/2024 08:45	10/28/2024 19:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB-5_0 in-12 in

York Sample ID: 24J1510-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 21, 2024 1:45 pm	10/23/2024

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
	Surrogate Recoveries	**Result**			**Acceptance Range**						
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*68.7 %*			*20-108*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*87.8 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*74.7 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*60.4 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*68.6 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*51.0 %*			*24-116*						

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 [2C]	ND		mg/kg dry	0.00168	5	EPA 8081B Certifications:	10/28/2024 08:39	10/29/2024 14:21	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00168	5	EPA 8081B Certifications:	10/28/2024 08:39	10/29/2024 14:21	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00168	5	EPA 8081B Certifications:	10/28/2024 08:39	10/29/2024 14:21	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
309-00-2	Aldrin	ND		mg/kg dry	0.00168	5	EPA 8081B Certifications:	10/28/2024 08:39	10/29/2024 14:21	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
319-84-6	alpha-BHC	ND		mg/kg dry	0.00168	5	EPA 8081B Certifications:	10/28/2024 08:39	10/29/2024 14:21	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00168	5	EPA 8081B Certifications:	10/28/2024 08:39	10/29/2024 14:21	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
319-85-7	beta-BHC	ND		mg/kg dry	0.00168	5	EPA 8081B Certifications:	10/28/2024 08:39	10/29/2024 14:21	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
57-74-9	Chlordane, total	ND		mg/kg dry	0.0336	5	EPA 8081B Certifications:	10/28/2024 08:39	10/29/2024 14:21	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
319-86-8	delta-BHC	ND		mg/kg dry	0.00168	5	EPA 8081B Certifications:	10/28/2024 08:39	10/29/2024 14:21	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
60-57-1	Dieldrin	ND		mg/kg dry	0.00168	5	EPA 8081B Certifications:	10/28/2024 08:39	10/29/2024 14:21	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
959-98-8	Endosulfan I	ND		mg/kg dry	0.00168	5	EPA 8081B Certifications:	10/28/2024 08:39	10/29/2024 14:21	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00168	5	EPA 8081B Certifications:	10/28/2024 08:39	10/29/2024 14:21	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00168	5	EPA 8081B Certifications:	10/28/2024 08:39	10/29/2024 14:21	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
72-20-8	Endrin	ND		mg/kg dry	0.00168	5	EPA 8081B Certifications:	10/28/2024 08:39	10/29/2024 14:21	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00168	5	EPA 8081B Certifications:	10/28/2024 08:39	10/29/2024 14:21	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00168	5	EPA 8081B Certifications:	10/28/2024 08:39	10/29/2024 14:21	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: SB-5_0 in-12 in **York Sample ID:** 24J1510-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 21, 2024 1:45 pm	10/23/2024

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		mg/kg dry	0.00168	5	EPA 8081B	10/28/2024 08:39	10/29/2024 14:21	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	**gamma-Chlordane**	**0.00232**	P	mg/kg dry	0.00168	5	EPA 8081B	10/28/2024 08:39	10/29/2024 14:21	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
76-44-8	Heptachlor	ND		mg/kg dry	0.00168	5	EPA 8081B	10/28/2024 08:39	10/29/2024 14:21	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00168	5	EPA 8081B	10/28/2024 08:39	10/29/2024 14:21	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00168	5	EPA 8081B	10/28/2024 08:39	10/29/2024 14:21	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.168	5	EPA 8081B	10/28/2024 08:39	10/29/2024 14:21	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*66.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*80.6 %*	*30-150*

Polychlorinated Biphenyls (PCB)-8082

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	0.0170	1	EPA 8082A	10/28/2024 08:39	10/29/2024 11:06	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0170	1	EPA 8082A	10/28/2024 08:39	10/29/2024 11:06	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0170	1	EPA 8082A	10/28/2024 08:39	10/29/2024 11:06	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0170	1	EPA 8082A	10/28/2024 08:39	10/29/2024 11:06	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	**Aroclor 1248**	**0.197**		mg/kg dry	0.0170	1	EPA 8082A	10/28/2024 08:39	10/29/2024 11:06	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0170	1	EPA 8082A	10/28/2024 08:39	10/29/2024 11:06	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	**Aroclor 1260**	**0.205**		mg/kg dry	0.0170	1	EPA 8082A	10/28/2024 08:39	10/29/2024 11:06	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04		
1336-36-3	*** Total PCBs**	**0.402**		mg/kg dry	0.0170	1	EPA 8082A	10/28/2024 08:39	10/29/2024 11:06	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*60.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*46.5 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB-5_0 in-12 in **York Sample ID:** 24J1510-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 21, 2024 1:45 pm	10/23/2024

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		mg/kg dry	0.0205	1	EPA 8151A	10/26/2024 08:08	10/27/2024 14:36	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0205	1	EPA 8151A	10/26/2024 08:08	10/27/2024 14:36	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0205	1	EPA 8151A	10/26/2024 08:08	10/27/2024 14:36	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*40.2 %*	*21-150*

Lead TCLP by EPA 6010

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**	**1.37**		mg/L	0.125	1	EPA 6010D/1311	11/07/2024 08:29	11/08/2024 11:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

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**	**11000**		mg/kg dry	4.30	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-36-0	**Antimony**	**8.06**		mg/kg dry	2.15	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-38-2	**Arsenic**	**8.78**		mg/kg dry	1.29	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**563**		mg/kg dry	2.15	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	**Beryllium**	**3.54**		mg/kg dry	0.043	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-43-9	**Cadmium**	**3.33**		mg/kg dry	0.258	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-70-2	**Calcium**	**18100**		mg/kg dry	4.30	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	**Chromium**	**49.2**		mg/kg dry	0.431	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-48-4	**Cobalt**	**22.0**		mg/kg dry	0.344	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**3310**		mg/kg dry	1.72	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	**Iron**	**36500**		mg/kg dry	21.5	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**1640**		mg/kg dry	0.431	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB-5_0 in-12 in **York Sample ID:** 24J1510-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 21, 2024 1:45 pm	10/23/2024

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**	**5180**		mg/kg dry	4.31	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**495**		mg/kg dry	0.431	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**59.5**		mg/kg dry	0.857	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	**Potassium**	**1400**		mg/kg dry	4.31	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	2.15	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	**Silver**	**1.13**		mg/kg dry	0.434	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-23-5	**Sodium**	**2410**		mg/kg dry	43.0	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-28-0	Thallium	ND		mg/kg dry	2.15	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**29.8**		mg/kg dry	0.857	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	**Zinc**	**9970**		mg/kg dry	21.4	10	EPA 6010D	10/27/2024 10:19	10/29/2024 11:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Zinc, TCLP by EPA 6010

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
7440-66-6	**Zinc**	**6.11**		mg/L	0.625	1	EPA 6010D/1311	11/07/2024 08:29	11/08/2024 11:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.350**		mg/kg dry	0.0310	1	EPA 7473	10/26/2024 08:16	10/29/2024 15:35	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04		

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**96.9**		%	0.100	1	SM 2540G	10/24/2024 08:51	10/24/2024 14:02	SMM
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB-5_0 in-12 in **York Sample ID:** 24J1510-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 21, 2024 1:45 pm	10/23/2024

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

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	10/31/2024 16:40	11/01/2024 10:50	GJK
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-6_0 in-12 in **York Sample ID:** 24J1510-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 21, 2024 1:40 pm	10/23/2024

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** BTL-X **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	10/24/2024 15:42	10/25/2024 15:27	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	10/24/2024 15:42	10/25/2024 15:27	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	10/24/2024 15:42	10/25/2024 15:27	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	10/24/2024 15:42	10/25/2024 15:27	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	10/24/2024 15:42	10/25/2024 15:27	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	10/24/2024 15:42	10/25/2024 15:27	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	10/24/2024 15:42	10/25/2024 15:27	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	10/24/2024 15:42	10/25/2024 15:27	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	10/24/2024 15:42	10/25/2024 15:27	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE, QL-02	mg/kg dry	0.0031	0.0063	1	EPA 8260D	10/24/2024 15:42	10/25/2024 15:27	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	10/24/2024 15:42	10/25/2024 15:27	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	10/24/2024 15:42	10/25/2024 15:27	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	10/24/2024 15:42	10/25/2024 15:27	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	10/24/2024 15:42	10/25/2024 15:27	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-6_0 in-12 in

York Sample ID: 24J1510-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 21, 2024 1:40 pm	10/23/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes: BTL-X

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:27	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:27	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:27	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
541-73-1	1,3-Dichlorobenzene	ND	QL-02	mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:27	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:27	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.063	0.13	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:27	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
78-93-3	2-Butanone	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:27	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
591-78-6	2-Hexanone	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:27	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:27	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-64-1	Acetone	ND		mg/kg dry	0.0063	0.013	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:27	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-02-8	Acrolein	ND	CCVE	mg/kg dry	0.0063	0.013	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:27	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:27	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-43-2	Benzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:27	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:27	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:27	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-25-2	Bromoform	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:27	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:27	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:27	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:27	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:27	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:27	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:27	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:27	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: SB-6_0 in-12 in **York Sample ID:** 24J1510-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 21, 2024 1:40 pm	10/23/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes: BTL-X **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
110-82-7	Cyclohexane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:27 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:27 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
74-95-3	Dibromomethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:27 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:27 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
87-68-3	Hexachlorobutadiene	ND	QL-02	mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:27 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
79-20-9	Methyl acetate	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:27 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:27 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
75-09-2	Methylene chloride	ND		mg/kg dry	0.0063	0.013	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
95-47-6	o-Xylene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0063	0.013	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
99-87-6	p-Isopropyltoluene	ND	CCVE, QL-02	mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
100-42-5	Styrene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:27 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB

Sample Information

Client Sample ID: SB-6_0 in-12 in **York Sample ID:** 24J1510-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 21, 2024 1:40 pm	10/23/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes: BTL-X **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	Toluene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	10/24/2024 15:42	10/25/2024 15:27	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	10/24/2024 15:42	10/25/2024 15:27	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	10/24/2024 15:42	10/25/2024 15:27	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	10/24/2024 15:42	10/25/2024 15:27	SCB
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	10/24/2024 15:42	10/25/2024 15:27	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	10/24/2024 15:42	10/25/2024 15:27	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	10/24/2024 15:42	10/25/2024 15:27	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0094	0.019	1	EPA 8260D	10/24/2024 15:42	10/25/2024 15:27	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.8 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: BTL-X **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270E	10/25/2024 08:45	10/28/2024 19:54	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0878	0.175	2	EPA 8270E	10/25/2024 08:45	10/28/2024 19:54	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270E	10/25/2024 08:45	10/28/2024 19:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270E	10/25/2024 08:45	10/28/2024 19:54	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270E	10/25/2024 08:45	10/28/2024 19:54	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270E	10/25/2024 08:45	10/28/2024 19:54	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270E	10/25/2024 08:45	10/28/2024 19:54	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0878	0.175	2	EPA 8270E	10/25/2024 08:45	10/28/2024 19:54	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270E	10/25/2024 08:45	10/28/2024 19:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-6_0 in-12 in

York Sample ID: 24J1510-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 21, 2024 1:40 pm	10/23/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: BTL-X

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 19:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 19:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0440	0.0878	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 19:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0878	0.175	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 19:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 19:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 19:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 19:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 19:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 19:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 19:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0878	0.175	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 19:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 19:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 19:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 19:54	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0878	0.175	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 19:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0878	0.175	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 19:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 19:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 19:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 19:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 19:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0878	0.175	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 19:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0878	0.175	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 19:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
83-32-9	Acenaphthene	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 19:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: SB-6_0 in-12 in **York Sample ID:** 24J1510-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 21, 2024 1:40 pm	10/23/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** BTL-X **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
208-96-8	**Acenaphthylene**	**0.0695**	J	mg/kg dry	0.0440	0.0878	2	EPA 8270E	10/25/2024 08:45	10/28/2024 19:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
98-86-2	Acetophenone	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270E	10/25/2024 08:45	10/28/2024 19:54	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.176	0.351	2	EPA 8270E	10/25/2024 08:45	10/28/2024 19:54	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	**Anthracene**	**0.0652**	J	mg/kg dry	0.0440	0.0878	2	EPA 8270E	10/25/2024 08:45	10/28/2024 19:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
1912-24-9	Atrazine	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270E	10/25/2024 08:45	10/28/2024 19:54	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270E	10/25/2024 08:45	10/28/2024 19:54	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.176	0.351	2	EPA 8270E	10/25/2024 08:45	10/28/2024 19:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	**Benzo(a)anthracene**	**0.156**		mg/kg dry	0.0440	0.0878	2	EPA 8270E	10/25/2024 08:45	10/28/2024 19:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
50-32-8	**Benzo(a)pyrene**	**0.127**		mg/kg dry	0.0440	0.0878	2	EPA 8270E	10/25/2024 08:45	10/28/2024 19:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
205-99-2	**Benzo(b)fluoranthene**	**0.127**		mg/kg dry	0.0440	0.0878	2	EPA 8270E	10/25/2024 08:45	10/28/2024 19:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
191-24-2	**Benzo(g,h,i)perylene**	**0.0947**		mg/kg dry	0.0440	0.0878	2	EPA 8270E	10/25/2024 08:45	10/28/2024 19:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
207-08-9	**Benzo(k)fluoranthene**	**0.116**		mg/kg dry	0.0440	0.0878	2	EPA 8270E	10/25/2024 08:45	10/28/2024 19:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270E	10/25/2024 08:45	10/28/2024 19:54	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270E	10/25/2024 08:45	10/28/2024 19:54	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270E	10/25/2024 08:45	10/28/2024 19:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270E	10/25/2024 08:45	10/28/2024 19:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270E	10/25/2024 08:45	10/28/2024 19:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270E	10/25/2024 08:45	10/28/2024 19:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270E	10/25/2024 08:45	10/28/2024 19:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0878	0.175	2	EPA 8270E	10/25/2024 08:45	10/28/2024 19:54	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270E	10/25/2024 08:45	10/28/2024 19:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.162**		mg/kg dry	0.0440	0.0878	2	EPA 8270E	10/25/2024 08:45	10/28/2024 19:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270E	10/25/2024 08:45	10/28/2024 19:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-6_0 in-12 in **York Sample ID:** 24J1510-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 21, 2024 1:40 pm	10/23/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: BTL-X **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 19:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 19:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 19:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 19:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 19:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
122-39-4	* Diphenylamine	ND		mg/kg dry	0.0878	0.175	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 19:54	SS
206-44-0	**Fluoranthene**	**0.360**		mg/kg dry	0.0440	0.0878	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 19:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
86-73-7	Fluorene	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 19:54	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 19:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
87-68-3	Hexachlorobutadiene	ND	CCVE	mg/kg dry	0.0440	0.0878	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 19:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0440	0.0878	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 19:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 19:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.0905**	CCVE	mg/kg dry	0.0440	0.0878	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 19:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
78-59-1	Isophorone	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 19:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-20-3	Naphthalene	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 19:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 19:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 19:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 19:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 19:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0440	0.0878	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 19:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
85-01-8	**Phenanthrene**	**0.135**		mg/kg dry	0.0440	0.0878	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 19:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
108-95-2	Phenol	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 19:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
129-00-0	**Pyrene**	**0.234**		mg/kg dry	0.0440	0.0878	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 19:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04

Sample Information

Client Sample ID: SB-6_0 in-12 in

York Sample ID: 24J1510-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 21, 2024 1:40 pm	10/23/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: BTL-X **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**							
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*61.0 %*		*20-108*							
13127-88-3	*Surrogate: SURR: Phenol-d6*	*82.0 %*		*23-114*							
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*63.3 %*		*22-108*							
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*51.8 %*		*21-113*							
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*59.0 %*		*19-110*							
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*50.0 %*		*24-116*							

Pesticides, 8081 target list

Log-in Notes: BTL-X **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 [2C]	ND		mg/kg dry	0.00172	5	EPA 8081B	10/28/2024 08:39	10/29/2024 14:38	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00172	5	EPA 8081B	10/28/2024 08:39	10/29/2024 14:38	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00172	5	EPA 8081B	10/28/2024 08:39	10/29/2024 14:38	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00172	5	EPA 8081B	10/28/2024 08:39	10/29/2024 14:38	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00172	5	EPA 8081B	10/28/2024 08:39	10/29/2024 14:38	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	**alpha-Chlordane**	**0.00357**		mg/kg dry	0.00172	5	EPA 8081B	10/28/2024 08:39	10/29/2024 14:38	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
319-85-7	beta-BHC	ND		mg/kg dry	0.00172	5	EPA 8081B	10/28/2024 08:39	10/29/2024 14:38	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0344	5	EPA 8081B	10/28/2024 08:39	10/29/2024 14:38	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00172	5	EPA 8081B	10/28/2024 08:39	10/29/2024 14:38	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00172	5	EPA 8081B	10/28/2024 08:39	10/29/2024 14:38	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00172	5	EPA 8081B	10/28/2024 08:39	10/29/2024 14:38	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00172	5	EPA 8081B	10/28/2024 08:39	10/29/2024 14:38	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00172	5	EPA 8081B	10/28/2024 08:39	10/29/2024 14:38	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00172	5	EPA 8081B	10/28/2024 08:39	10/29/2024 14:38	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00172	5	EPA 8081B	10/28/2024 08:39	10/29/2024 14:38	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00172	5	EPA 8081B	10/28/2024 08:39	10/29/2024 14:38	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-6_0 in-12 in **York Sample ID:** 24J1510-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 21, 2024 1:40 pm	10/23/2024

Pesticides, 8081 target list

Log-in Notes: BTL-X **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00172	5	EPA 8081B	10/28/2024 08:39	10/29/2024 14:38	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	**gamma-Chlordane**	**0.00493**	P	mg/kg dry	0.00172	5	EPA 8081B	10/28/2024 08:39	10/29/2024 14:38	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
76-44-8	Heptachlor	ND		mg/kg dry	0.00172	5	EPA 8081B	10/28/2024 08:39	10/29/2024 14:38	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00172	5	EPA 8081B	10/28/2024 08:39	10/29/2024 14:38	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00172	5	EPA 8081B	10/28/2024 08:39	10/29/2024 14:38	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.172	5	EPA 8081B	10/28/2024 08:39	10/29/2024 14:38	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*60.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*82.8 %*	*30-150*

Polychlorinated Biphenyls (PCB)-8082

Log-in Notes: BTL-X **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0174	1	EPA 8082A	10/28/2024 08:39	10/29/2024 17:15	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0174	1	EPA 8082A	10/28/2024 08:39	10/29/2024 17:15	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0174	1	EPA 8082A	10/28/2024 08:39	10/29/2024 17:15	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0174	1	EPA 8082A	10/28/2024 08:39	10/29/2024 17:15	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	**Aroclor 1248**	**0.222**		mg/kg dry	0.0174	1	EPA 8082A	10/28/2024 08:39	10/29/2024 17:15	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0174	1	EPA 8082A	10/28/2024 08:39	10/29/2024 17:15	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	**Aroclor 1260**	**0.0988**		mg/kg dry	0.0174	1	EPA 8082A	10/28/2024 08:39	10/29/2024 17:15	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04		
1336-36-3	*** Total PCBs**	**0.321**		mg/kg dry	0.0174	1	EPA 8082A	10/28/2024 08:39	10/29/2024 17:15	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*65.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*44.0 %*	*30-140*

Herbicides, Target List

Log-in Notes: BTL-X **Sample Notes:**

Sample Information

Client Sample ID: SB-6_0 in-12 in **York Sample ID:** 24J1510-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 21, 2024 1:40 pm	10/23/2024

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		mg/kg dry	0.0210	1	EPA 8151A	10/26/2024 08:08	10/27/2024 14:43	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0210	1	EPA 8151A	10/26/2024 08:08	10/27/2024 14:43	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0210	1	EPA 8151A	10/26/2024 08:08	10/27/2024 14:43	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*25.4 %*	*21-150*

Lead TCLP by EPA 6010

Log-in Notes: BTL-X **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	11/07/2024 08:29	11/08/2024 11:34	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Metals, Target Analyte

Log-in Notes: BTL-X **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**	**10200**		mg/kg dry	4.40	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-36-0	Antimony	ND		mg/kg dry	2.20	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**9.17**		mg/kg dry	1.32	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**91.4**		mg/kg dry	2.20	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	**Beryllium**	**0.543**		mg/kg dry	0.044	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-43-9	**Cadmium**	**0.334**		mg/kg dry	0.264	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-70-2	**Calcium**	**23500**		mg/kg dry	4.40	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	**Chromium**	**29.0**		mg/kg dry	0.440	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-48-4	**Cobalt**	**8.17**		mg/kg dry	0.352	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**521**		mg/kg dry	1.76	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	**Iron**	**20700**		mg/kg dry	22.0	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**204**		mg/kg dry	0.440	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB-6_0 in-12 in **York Sample ID:** 24J1510-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 21, 2024 1:40 pm	10/23/2024

Metals, Target Analyte

Log-in Notes: BTL-X **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**	**5870**		mg/kg dry	4.40	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**227**		mg/kg dry	0.440	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**24.3**		mg/kg dry	0.876	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	**Potassium**	**2530**		mg/kg dry	4.40	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	2.20	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	**Silver**	**0.616**		mg/kg dry	0.443	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-23-5	**Sodium**	**308**		mg/kg dry	44.0	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-28-0	Thallium	ND		mg/kg dry	2.20	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**29.3**		mg/kg dry	0.876	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	**Zinc**	**485**		mg/kg dry	2.19	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Mercury by 7473

Log-in Notes: BTL-X **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**	**0.184**		mg/kg dry	0.0317	1	EPA 7473	10/26/2024 08:16	10/29/2024 15:35	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04		

Total Solids

Log-in Notes: BTL-X **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**94.7**		%	0.100	1	SM 2540G	10/24/2024 08:51	10/24/2024 14:02	SMM
							Certifications:	CTDOH-PH-0723		

TCLP Extraction for METALS EPA 1311

Log-in Notes: BTL-X **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	10/31/2024 16:40	11/01/2024 10:50	GJK
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-7_0 in-12 in

York Sample ID: 24J1510-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 21, 2024 1:50 pm	10/23/2024

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		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:53 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:53 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:53 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:53 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:53 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:53 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:53 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:53 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:53 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	SCB
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE, QL-02	mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:53 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:53 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:53 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:53 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:53 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:53 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:53 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:53 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
541-73-1	1,3-Dichlorobenzene	ND	QL-02	mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:53 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:53 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.060	0.12	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:53 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
78-93-3	2-Butanone	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:53 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
591-78-6	2-Hexanone	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:53 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:53 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB

Sample Information

Client Sample ID: SB-7_0 in-12 in

York Sample ID: 24J1510-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 21, 2024 1:50 pm	10/23/2024

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		mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:53	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-02-8	Acrolein	ND	CCVE	mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:53	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:53	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-43-2	Benzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:53	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:53	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:53	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-25-2	Bromoform	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:53	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:53	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:53	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:53	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:53	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:53	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:53	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:53	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:53	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:53	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	Cyclohexane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:53	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:53	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-95-3	Dibromomethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:53	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:53	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:53	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND	QL-02	mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:53	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 15:53	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: SB-7_0 in-12 in

York Sample ID: 24J1510-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 21, 2024 1:50 pm	10/23/2024

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		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/24/2024 15:42 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/25/2024 15:53	SCB
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 15:53	SCB
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/24/2024 15:42 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/25/2024 15:53	SCB
75-09-2	Methylene chloride	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 15:53	SCB
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 15:53	SCB
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 15:53	SCB
95-47-6	o-Xylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 15:53	SCB
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 15:53	SCB
99-87-6	p-Isopropyltoluene	ND	CCVE, QL-02	mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 15:53	SCB
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 15:53	SCB
100-42-5	Styrene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 15:53	SCB
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/24/2024 15:42 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/25/2024 15:53	SCB
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 15:53	SCB
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 15:53	SCB
108-88-3	Toluene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 15:53	SCB
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 15:53	SCB
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 15:53	SCB
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NJDEP-CT005	10/25/2024 15:53	SCB
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 15:53	SCB
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 15:53	SCB
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 15:53	SCB
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0090	0.018	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 15:53	SCB

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

Sample Information

Client Sample ID: SB-7_0 in-12 in

York Sample ID: 24J1510-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 21, 2024 1:50 pm	10/23/2024

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
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.9 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*107 %*			*76-130*						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:24	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0888	0.177	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:24	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:24	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:24	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:24	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:24	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0888	0.177	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:24	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0888	0.177	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: SB-7_0 in-12 in

York Sample ID: 24J1510-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 21, 2024 1:50 pm	10/23/2024

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
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0888	0.177	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:24	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0888	0.177	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0888	0.177	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0888	0.177	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0888	0.177	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
83-32-9	Acenaphthene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
208-96-8	**Acenaphthylene**	**0.0561**	J	mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
98-86-2	Acetophenone	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:24	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
62-53-3	Aniline	ND		mg/kg dry	0.178	0.356	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:24	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
120-12-7	**Anthracene**	**0.0681**	J	mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
1912-24-9	Atrazine	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:24	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:24	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
92-87-5	Benzidine	ND		mg/kg dry	0.178	0.356	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
56-55-3	**Benzo(a)anthracene**	**0.146**		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
50-32-8	**Benzo(a)pyrene**	**0.123**		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
205-99-2	**Benzo(b)fluoranthene**	**0.149**		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04

Sample Information

Client Sample ID: SB-7_0 in-12 in

York Sample ID: 24J1510-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 21, 2024 1:50 pm	10/23/2024

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
191-24-2	**Benzo(g,h,i)perylene**	**0.171**		mg/kg dry	0.0445	0.0888	2	EPA 8270E	10/25/2024 08:45	10/28/2024 20:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
207-08-9	**Benzo(k)fluoranthene**	**0.124**		mg/kg dry	0.0445	0.0888	2	EPA 8270E	10/25/2024 08:45	10/28/2024 20:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	10/25/2024 08:45	10/28/2024 20:24	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	10/25/2024 08:45	10/28/2024 20:24	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	10/25/2024 08:45	10/28/2024 20:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	10/25/2024 08:45	10/28/2024 20:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	10/25/2024 08:45	10/28/2024 20:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	10/25/2024 08:45	10/28/2024 20:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.119**		mg/kg dry	0.0445	0.0888	2	EPA 8270E	10/25/2024 08:45	10/28/2024 20:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
105-60-2	Caprolactam	ND		mg/kg dry	0.0888	0.177	2	EPA 8270E	10/25/2024 08:45	10/28/2024 20:24	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	10/25/2024 08:45	10/28/2024 20:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.154**		mg/kg dry	0.0445	0.0888	2	EPA 8270E	10/25/2024 08:45	10/28/2024 20:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	10/25/2024 08:45	10/28/2024 20:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	10/25/2024 08:45	10/28/2024 20:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	10/25/2024 08:45	10/28/2024 20:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	10/25/2024 08:45	10/28/2024 20:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	10/25/2024 08:45	10/28/2024 20:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	**Di-n-octyl phthalate**	**0.0554**	J	mg/kg dry	0.0445	0.0888	2	EPA 8270E	10/25/2024 08:45	10/28/2024 20:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.0888	0.177	2	EPA 8270E	10/25/2024 08:45	10/28/2024 20:24	SS
								Certifications:			
206-44-0	**Fluoranthene**	**0.302**		mg/kg dry	0.0445	0.0888	2	EPA 8270E	10/25/2024 08:45	10/28/2024 20:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
86-73-7	Fluorene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	10/25/2024 08:45	10/28/2024 20:24	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E	10/25/2024 08:45	10/28/2024 20:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND	CCVE	mg/kg dry	0.0445	0.0888	2	EPA 8270E	10/25/2024 08:45	10/28/2024 20:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-7_0 in-12 in **York Sample ID:** 24J1510-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 21, 2024 1:50 pm	10/23/2024

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
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.106**	CCVE	mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
78-59-1	Isophorone	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-20-3	Naphthalene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
85-01-8	**Phenanthrene**	**0.116**		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
108-95-2	Phenol	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
129-00-0	**Pyrene**	**0.226**		mg/kg dry	0.0445	0.0888	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:24	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*56.9 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*74.2 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*67.9 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*54.9 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*57.9 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*54.6 %*	*24-116*

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		mg/kg dry	0.00175	5	EPA 8081B Certifications:	10/28/2024 08:39	10/29/2024 14:55	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	10/28/2024 08:39	10/29/2024 14:55	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: SB-7_0 in-12 in

York Sample ID: 24J1510-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 21, 2024 1:50 pm	10/23/2024

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
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00175	5	EPA 8081B	10/28/2024 08:39	10/29/2024 14:55	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00175	5	EPA 8081B	10/28/2024 08:39	10/29/2024 14:55	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00175	5	EPA 8081B	10/28/2024 08:39	10/29/2024 14:55	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00175	5	EPA 8081B	10/28/2024 08:39	10/29/2024 14:55	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00175	5	EPA 8081B	10/28/2024 08:39	10/29/2024 14:55	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0350	5	EPA 8081B	10/28/2024 08:39	10/29/2024 14:55	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00175	5	EPA 8081B	10/28/2024 08:39	10/29/2024 14:55	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00175	5	EPA 8081B	10/28/2024 08:39	10/29/2024 14:55	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00175	5	EPA 8081B	10/28/2024 08:39	10/29/2024 14:55	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00175	5	EPA 8081B	10/28/2024 08:39	10/29/2024 14:55	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00175	5	EPA 8081B	10/28/2024 08:39	10/29/2024 14:55	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00175	5	EPA 8081B	10/28/2024 08:39	10/29/2024 14:55	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00175	5	EPA 8081B	10/28/2024 08:39	10/29/2024 14:55	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00175	5	EPA 8081B	10/28/2024 08:39	10/29/2024 14:55	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00175	5	EPA 8081B	10/28/2024 08:39	10/29/2024 14:55	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00175	5	EPA 8081B	10/28/2024 08:39	10/29/2024 14:55	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00175	5	EPA 8081B	10/28/2024 08:39	10/29/2024 14:55	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00175	5	EPA 8081B	10/28/2024 08:39	10/29/2024 14:55	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00175	5	EPA 8081B	10/28/2024 08:39	10/29/2024 14:55	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.175	5	EPA 8081B	10/28/2024 08:39	10/29/2024 14:55	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*66.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*78.0 %*	*30-150*

Polychlorinated Biphenyls (PCB)-8082

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB-7_0 in-12 in **York Sample ID:** 24J1510-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 21, 2024 1:50 pm	10/23/2024

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	0.0177	1	EPA 8082A	10/28/2024 08:39	10/29/2024 17:28	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0177	1	EPA 8082A	10/28/2024 08:39	10/29/2024 17:28	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0177	1	EPA 8082A	10/28/2024 08:39	10/29/2024 17:28	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0177	1	EPA 8082A	10/28/2024 08:39	10/29/2024 17:28	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0177	1	EPA 8082A	10/28/2024 08:39	10/29/2024 17:28	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	**Aroclor 1254**	**0.672**		mg/kg dry	0.0177	1	EPA 8082A	10/28/2024 08:39	10/29/2024 17:28	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04		
11096-82-5	**Aroclor 1260**	**0.567**		mg/kg dry	0.0177	1	EPA 8082A	10/28/2024 08:39	10/29/2024 17:28	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04		
1336-36-3	*** Total PCBs**	**1.24**		mg/kg dry	0.0177	1	EPA 8082A	10/28/2024 08:39	10/29/2024 17:28	NF
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*58.0 %*	*30-140*
2051-24-3 *Surrogate: Decachlorobiphenyl*	*52.5 %*	*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		mg/kg dry	0.0214	1	EPA 8151A	10/26/2024 08:08	10/27/2024 14:50	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0214	1	EPA 8151A	10/26/2024 08:08	10/27/2024 14:50	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0214	1	EPA 8151A	10/26/2024 08:08	10/27/2024 14:50	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range
19719-28-9 *Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*51.4 %*	*21-150*

Copper, TCLP by EPA 6010

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
7440-50-8	**Copper**	**7.93**		mg/L	0.500	1	EPA 6010D/1311	11/07/2024 08:29	11/08/2024 11:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Lead TCLP by EPA 6010

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB-7_0 in-12 in

York Sample ID: 24J1510-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 21, 2024 1:50 pm	10/23/2024

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**	**1.42**		mg/L	0.125	1	EPA 6010D/1311	11/07/2024 08:29	11/08/2024 11:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

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**	**8540**		mg/kg dry	4.48	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:32	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-36-0	**Antimony**	**14.1**		mg/kg dry	2.24	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:32	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-38-2	**Arsenic**	**12.3**		mg/kg dry	1.34	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:32	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**356**		mg/kg dry	2.24	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:32	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	**Beryllium**	**2.08**		mg/kg dry	0.045	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:32	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-43-9	**Cadmium**	**9.41**		mg/kg dry	0.269	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:32	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-70-2	**Calcium**	**17300**		mg/kg dry	4.48	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:32	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	**Chromium**	**34.9**		mg/kg dry	0.448	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:32	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-48-4	**Cobalt**	**14.0**		mg/kg dry	0.358	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:32	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**4860**		mg/kg dry	1.79	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:32	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	**Iron**	**28800**		mg/kg dry	22.4	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:32	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**3560**		mg/kg dry	0.448	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:32	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	**Magnesium**	**3180**		mg/kg dry	4.48	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:32	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**488**		mg/kg dry	0.448	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:32	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**66.3**		mg/kg dry	0.892	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:32	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	**Potassium**	**845**		mg/kg dry	4.48	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:32	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	2.24	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:32	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-22-4	**Silver**	**1.55**		mg/kg dry	0.452	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:32	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-23-5	**Sodium**	**1790**		mg/kg dry	44.8	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:32	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB-7_0 in-12 in **York Sample ID:** 24J1510-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 21, 2024 1:50 pm	10/23/2024

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
7440-28-0	Thallium	ND		mg/kg dry	2.24	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:32	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**23.0**		mg/kg dry	0.892	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:32	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	**Zinc**	**12000**		mg/kg dry	22.3	10	EPA 6010D	10/27/2024 10:19	10/29/2024 11:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Zinc, TCLP by EPA 6010

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
7440-66-6	**Zinc**	**14.4**		mg/L	0.625	1	EPA 6010D/1311	11/07/2024 08:29	11/08/2024 11:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**2.29**		mg/kg dry	0.0323	1	EPA 7473	10/26/2024 08:16	10/29/2024 15:35	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	11/05/2024 08:22	11/05/2024 08:22	PFA
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440,NELAC-NY10		

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**93.0**		%	0.100	1	SM 2540G	10/24/2024 08:51	10/24/2024 14:02	SMM
							Certifications:	CTDOH-PH-0723		

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	10/31/2024 16:40	11/01/2024 10:50	GJK
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **24J1510-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Water	October 21, 2024 5:30 am	10/23/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 19:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 19:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 19:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 19:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 19:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
75-34-3	1,1-Dichloroethane	ND	CCVE, QL-02	ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 19:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 19:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 19:28 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	FO
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 19:28 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	FO
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 19:28 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	FO
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 19:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 19:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 19:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 19:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
107-06-2	1,2-Dichloroethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 19:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 19:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 19:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 19:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 19:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 19:28 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	FO
78-93-3	2-Butanone	ND	CCVE, ICVE, QL-02	ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 19:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
591-78-6	2-Hexanone	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 19:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO

Sample Information

Client Sample ID: Trip Blank **York Sample ID:** 24J1510-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Water	October 21, 2024 5:30 am	10/23/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 19:28	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-64-1	Acetone	ND	CAL-E, CCVE	ug/L	1.0	2.0	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 19:28	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-02-8	Acrolein	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 19:28	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 19:28	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-43-2	Benzene	ND	CCVE, QL-02	ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 19:28	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 19:28	FO NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 19:28	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 19:28	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 19:28	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 19:28	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 19:28	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 19:28	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 19:28	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND	CCVE, QL-02	ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 19:28	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 19:28	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	cis-1,2-Dichloroethylene	ND	QL-02	ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 19:28	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 19:28	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 19:28	FO NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 19:28	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 19:28	FO NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 19:28	FO NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 19:28	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 19:28	FO NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04

Sample Information

Client Sample ID: Trip Blank

York Sample ID: 24J1510-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Water	October 21, 2024 5:30 am	10/23/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 19:28	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-20-9	Methyl acetate	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 19:28	FO NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 19:28	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 19:28	FO NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-09-2	Methylene chloride	ND	CCVE	ug/L	1.0	2.0	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 19:28	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 19:28	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 19:28	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 19:28	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 19:28	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 19:28	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 19:28	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 19:28	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE	ug/L	0.50	1.0	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 19:28	FO NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 19:28	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 19:28	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 19:28	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-60-5	trans-1,2-Dichloroethylene	ND	QL-02	ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 19:28	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 19:28	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 19:28	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 19:28	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 19:28	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 19:28	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 19:28	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **24J1510-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Water	October 21, 2024 5:30 am	10/23/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**			**Acceptance Range**						
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*95.1 %*			*69-130*						
2037-26-5	*Surrogate: SURR: Toluene-d8*	*116 %*			*81-117*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*108 %*			*79-122*						

Sample Information

Client Sample ID: **Richmond Composite Mulch** **York Sample ID:** **24J1510-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 22, 2024 11:20 am	10/23/2024

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	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications:	10/25/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/28/2024 20:54	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0980	0.196	2	EPA 8270E Certifications:	10/25/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/28/2024 20:54	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 20:54	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications:	10/25/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/28/2024 20:54	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications:	10/25/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/28/2024 20:54	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications:	10/25/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/28/2024 20:54	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications:	10/25/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/28/2024 20:54	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0980	0.196	2	EPA 8270E Certifications:	10/25/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/28/2024 20:54	SS
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 20:54	SS
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 20:54	SS
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 20:54	SS
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 20:54	SS

Sample Information

Client Sample ID: **Richmond Composite Mulch** **York Sample ID:** **24J1510-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 22, 2024 11:20 am	10/23/2024

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
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0980	0.196	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0980	0.196	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:54 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0980	0.196	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0980	0.196	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0980	0.196	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0980	0.196	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
83-32-9	Acenaphthene	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
98-86-2	**Acetophenone**	**0.168**	CCVE	mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:54 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
62-53-3	Aniline	ND		mg/kg dry	0.196	0.393	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:54 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS

Sample Information

Client Sample ID: **Richmond Composite Mulch** **York Sample ID:** **24J1510-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 22, 2024 11:20 am	10/23/2024

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
120-12-7	Anthracene	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 20:54	SS
1912-24-9	Atrazine	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications:	10/25/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/28/2024 20:54	SS
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications:	10/25/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/28/2024 20:54	SS
92-87-5	Benzidine	ND		mg/kg dry	0.196	0.393	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 20:54	SS
56-55-3	**Benzo(a)anthracene**	**0.0525**	J	mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/28/2024 20:54	SS
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 20:54	SS
205-99-2	**Benzo(b)fluoranthene**	**0.0635**	J	mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/28/2024 20:54	SS
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 20:54	SS
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 20:54	SS
65-85-0	**Benzoic acid**	**1.05**	CCVE	mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications:	10/25/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/28/2024 20:54	SS
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications:	10/25/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/28/2024 20:54	SS
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 20:54	SS
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 20:54	SS
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 20:54	SS
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 20:54	SS
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.0509**	J	mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/28/2024 20:54	SS
105-60-2	Caprolactam	ND		mg/kg dry	0.0980	0.196	2	EPA 8270E Certifications:	10/25/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/28/2024 20:54	SS
86-74-8	Carbazole	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 20:54	SS
218-01-9	**Chrysene**	**0.0783**	J	mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/28/2024 20:54	SS
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 20:54	SS
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 20:54	SS
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 20:54	SS
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 20:54	SS

Sample Information

Client Sample ID: **Richmond Composite Mulch** **York Sample ID:** **24J1510-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 22, 2024 11:20 am	10/23/2024

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
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
122-39-4	* Diphenylamine	ND		mg/kg dry	0.0980	0.196	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:54	SS
206-44-0	**Fluoranthene**	**0.147**		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
86-73-7	Fluorene	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:54	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
87-68-3	Hexachlorobutadiene	ND	CCVE	mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
78-59-1	Isophorone	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-20-3	Naphthalene	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
85-01-8	Phenanthrene	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
108-95-2	Phenol	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
129-00-0	**Pyrene**	**0.103**		mg/kg dry	0.0491	0.0980	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 20:54	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*28.4 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*37.0 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*40.1 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*35.7 %*	*21-113*

Sample Information

Client Sample ID: Richmond Composite Mulch

York Sample ID: 24J1510-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 22, 2024 11:20 am	10/23/2024

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
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*38.5 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*37.1 %*			*24-116*						

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		mg/kg dry	0.00196	5	EPA 8081B Certifications:	10/28/2024 08:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/29/2024 15:12	RJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00196	5	EPA 8081B Certifications:	10/28/2024 08:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/29/2024 15:12	RJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00196	5	EPA 8081B Certifications:	10/28/2024 08:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/29/2024 15:12	RJ
309-00-2	Aldrin	ND		mg/kg dry	0.00196	5	EPA 8081B Certifications:	10/28/2024 08:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/29/2024 15:12	RJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00196	5	EPA 8081B Certifications:	10/28/2024 08:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/29/2024 15:12	RJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00196	5	EPA 8081B Certifications:	10/28/2024 08:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/29/2024 15:12	RJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00196	5	EPA 8081B Certifications:	10/28/2024 08:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/29/2024 15:12	RJ
57-74-9	Chlordane, total	ND		mg/kg dry	0.0392	5	EPA 8081B Certifications:	10/28/2024 08:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/29/2024 15:12	RJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00196	5	EPA 8081B Certifications:	10/28/2024 08:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/29/2024 15:12	RJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00196	5	EPA 8081B Certifications:	10/28/2024 08:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/29/2024 15:12	RJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00196	5	EPA 8081B Certifications:	10/28/2024 08:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/29/2024 15:12	RJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00196	5	EPA 8081B Certifications:	10/28/2024 08:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/29/2024 15:12	RJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00196	5	EPA 8081B Certifications:	10/28/2024 08:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/29/2024 15:12	RJ
72-20-8	Endrin	ND		mg/kg dry	0.00196	5	EPA 8081B Certifications:	10/28/2024 08:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/29/2024 15:12	RJ
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00196	5	EPA 8081B Certifications:	10/28/2024 08:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/29/2024 15:12	RJ
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00196	5	EPA 8081B Certifications:	10/28/2024 08:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/29/2024 15:12	RJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00196	5	EPA 8081B Certifications:	10/28/2024 08:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/29/2024 15:12	RJ
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00196	5	EPA 8081B Certifications:	10/28/2024 08:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/29/2024 15:12	RJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00196	5	EPA 8081B Certifications:	10/28/2024 08:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/29/2024 15:12	RJ

Sample Information

Client Sample ID: **Richmond Composite Mulch** **York Sample ID:** **24J1510-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 22, 2024 11:20 am	10/23/2024

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
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00196	5	EPA 8081B	10/28/2024 08:39	10/29/2024 15:12	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00196	5	EPA 8081B	10/28/2024 08:39	10/29/2024 15:12	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.196	5	EPA 8081B	10/28/2024 08:39	10/29/2024 15:12	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*68.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*87.1 %*	*30-150*

Polychlorinated Biphenyls (PCB)-8082

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	10/28/2024 08:39	10/29/2024 17:42	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0198	1	EPA 8082A	10/28/2024 08:39	10/29/2024 17:42	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0198	1	EPA 8082A	10/28/2024 08:39	10/29/2024 17:42	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0198	1	EPA 8082A	10/28/2024 08:39	10/29/2024 17:42	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0198	1	EPA 8082A	10/28/2024 08:39	10/29/2024 17:42	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0198	1	EPA 8082A	10/28/2024 08:39	10/29/2024 17:42	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0198	1	EPA 8082A	10/28/2024 08:39	10/29/2024 17:42	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0198	1	EPA 8082A	10/28/2024 08:39	10/29/2024 17:42	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*67.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*46.0 %*	*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		mg/kg dry	0.0239	1	EPA 8151A	10/26/2024 08:08	10/27/2024 14:57	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0239	1	EPA 8151A	10/26/2024 08:08	10/27/2024 14:57	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: **Richmond Composite Mulch** **York Sample ID:** **24J1510-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 22, 2024 11:20 am	10/23/2024

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
94-75-7	2,4-D	ND		mg/kg dry	0.0239	1	EPA 8151A	10/26/2024 08:08	10/27/2024 14:57	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*60.2 %*	*21-150*

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**	**6690**		mg/kg dry	5.01	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-36-0	Antimony	ND		mg/kg dry	2.51	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**7.66**		mg/kg dry	1.50	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**52.7**		mg/kg dry	2.50	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	**Beryllium**	**0.385**		mg/kg dry	0.051	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-43-9	**Cadmium**	**0.301**		mg/kg dry	0.301	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-70-2	**Calcium**	**6190**		mg/kg dry	5.01	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	**Chromium**	**16.6**		mg/kg dry	0.501	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-48-4	**Cobalt**	**4.31**		mg/kg dry	0.400	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**141**		mg/kg dry	2.00	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	**Iron**	**11500**		mg/kg dry	25.1	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**103**		mg/kg dry	0.501	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	**Magnesium**	**2640**		mg/kg dry	5.01	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**180**		mg/kg dry	0.501	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**11.0**		mg/kg dry	0.998	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	**Potassium**	**957**		mg/kg dry	5.01	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: Richmond Composite Mulch **York Sample ID:** 24J1510-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 22, 2024 11:20 am	10/23/2024

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
7782-49-2	Selenium	ND		mg/kg dry	2.51	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.505	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**144**		mg/kg dry	50.1	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-28-0	Thallium	ND		mg/kg dry	2.51	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**19.6**		mg/kg dry	0.998	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	**Zinc**	**449**		mg/kg dry	2.50	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.200**		mg/kg dry	0.0361	1	EPA 7473	10/26/2024 08:16	10/29/2024 15:35	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**83.2**		%	0.100	1	SM 2540G	10/24/2024 08:53	10/24/2024 14:08	SMM
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: Richmond Composite Top Soil **York Sample ID:** 24J1510-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 22, 2024 11:15 am	10/23/2024

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	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270E	10/25/2024 08:45	10/28/2024 21:25	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: **Richmond Composite Top Soil** **York Sample ID:** **24J1510-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 22, 2024 11:15 am	10/23/2024

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
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0883	0.176	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:25 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:25 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:25 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:25 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:25 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0883	0.176	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:25 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0442	0.0883	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0883	0.176	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0883	0.176	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:25 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0883	0.176	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS

Sample Information

Client Sample ID: **Richmond Composite Top Soil** **York Sample ID:** **24J1510-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 22, 2024 11:15 am	10/23/2024

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
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0883	0.176	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:25	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:25	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:25	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:25	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:25	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0883	0.176	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:25	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0883	0.176	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:25	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
83-32-9	Acenaphthene	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:25	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:25	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-86-2	Acetophenone	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:25	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
62-53-3	Aniline	ND		mg/kg dry	0.177	0.353	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:25	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
120-12-7	**Anthracene**	**0.0557**	J	mg/kg dry	0.0442	0.0883	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:25	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
1912-24-9	Atrazine	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:25	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:25	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
92-87-5	Benzidine	ND		mg/kg dry	0.177	0.353	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:25	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
56-55-3	**Benzo(a)anthracene**	**0.159**		mg/kg dry	0.0442	0.0883	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:25	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
50-32-8	**Benzo(a)pyrene**	**0.127**		mg/kg dry	0.0442	0.0883	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:25	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
205-99-2	**Benzo(b)fluoranthene**	**0.126**		mg/kg dry	0.0442	0.0883	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:25	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
191-24-2	**Benzo(g,h,i)perylene**	**0.0705**	J	mg/kg dry	0.0442	0.0883	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:25	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
207-08-9	**Benzo(k)fluoranthene**	**0.128**		mg/kg dry	0.0442	0.0883	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:25	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
65-85-0	Benzoic acid	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:25	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:25	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:25	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: **Richmond Composite Top Soil** **York Sample ID:** **24J1510-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 22, 2024 11:15 am	10/23/2024

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
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:25	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:25	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:25	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.159**		mg/kg dry	0.0442	0.0883	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:25	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
105-60-2	Caprolactam	ND		mg/kg dry	0.0883	0.176	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:25	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
86-74-8	**Carbazole**	**0.0444**	J	mg/kg dry	0.0442	0.0883	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:25	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
218-01-9	**Chrysene**	**0.178**		mg/kg dry	0.0442	0.0883	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:25	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:25	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:25	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:25	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:25	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:25	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:25	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
122-39-4	* Diphenylamine	ND		mg/kg dry	0.0883	0.176	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:25	SS
206-44-0	**Fluoranthene**	**0.502**		mg/kg dry	0.0442	0.0883	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:25	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
86-73-7	Fluorene	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:25	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:25	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
87-68-3	Hexachlorobutadiene	ND	CCVE	mg/kg dry	0.0442	0.0883	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:25	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0442	0.0883	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:25	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:25	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.0769**	J	mg/kg dry	0.0442	0.0883	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:25	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
78-59-1	Isophorone	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:25	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-20-3	Naphthalene	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:25	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: Richmond Composite Top Soil

York Sample ID: 24J1510-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 22, 2024 11:15 am	10/23/2024

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
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270E	10/25/2024 08:45	10/28/2024 21:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270E	10/25/2024 08:45	10/28/2024 21:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270E	10/25/2024 08:45	10/28/2024 21:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270E	10/25/2024 08:45	10/28/2024 21:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0442	0.0883	2	EPA 8270E	10/25/2024 08:45	10/28/2024 21:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.207**		mg/kg dry	0.0442	0.0883	2	EPA 8270E	10/25/2024 08:45	10/28/2024 21:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
108-95-2	Phenol	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270E	10/25/2024 08:45	10/28/2024 21:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.286**		mg/kg dry	0.0442	0.0883	2	EPA 8270E	10/25/2024 08:45	10/28/2024 21:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*57.1 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*78.4 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*60.3 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*56.0 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*69.0 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*58.1 %*	*24-116*

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		mg/kg dry	0.00174	5	EPA 8081B	10/28/2024 08:39	10/29/2024 15:29	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00174	5	EPA 8081B	10/28/2024 08:39	10/29/2024 15:29	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00174	5	EPA 8081B	10/28/2024 08:39	10/29/2024 15:29	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00174	5	EPA 8081B	10/28/2024 08:39	10/29/2024 15:29	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00174	5	EPA 8081B	10/28/2024 08:39	10/29/2024 15:29	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00174	5	EPA 8081B	10/28/2024 08:39	10/29/2024 15:29	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00174	5	EPA 8081B	10/28/2024 08:39	10/29/2024 15:29	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0348	5	EPA 8081B	10/28/2024 08:39	10/29/2024 15:29	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: **Richmond Composite Top Soil** **York Sample ID:** **24J1510-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 22, 2024 11:15 am	10/23/2024

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
319-86-8	delta-BHC	ND		mg/kg dry	0.00174	5	EPA 8081B	10/28/2024 08:39	10/29/2024 15:29	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00174	5	EPA 8081B	10/28/2024 08:39	10/29/2024 15:29	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00174	5	EPA 8081B	10/28/2024 08:39	10/29/2024 15:29	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00174	5	EPA 8081B	10/28/2024 08:39	10/29/2024 15:29	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00174	5	EPA 8081B	10/28/2024 08:39	10/29/2024 15:29	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00174	5	EPA 8081B	10/28/2024 08:39	10/29/2024 15:29	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00174	5	EPA 8081B	10/28/2024 08:39	10/29/2024 15:29	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00174	5	EPA 8081B	10/28/2024 08:39	10/29/2024 15:29	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00174	5	EPA 8081B	10/28/2024 08:39	10/29/2024 15:29	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00174	5	EPA 8081B	10/28/2024 08:39	10/29/2024 15:29	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00174	5	EPA 8081B	10/28/2024 08:39	10/29/2024 15:29	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00174	5	EPA 8081B	10/28/2024 08:39	10/29/2024 15:29	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00174	5	EPA 8081B	10/28/2024 08:39	10/29/2024 15:29	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.174	5	EPA 8081B	10/28/2024 08:39	10/29/2024 15:29	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*62.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*77.6 %*	*30-150*

Polychlorinated Biphenyls (PCB)-8082

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0176	1	EPA 8082A	10/28/2024 08:39	10/29/2024 17:56	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0176	1	EPA 8082A	10/28/2024 08:39	10/29/2024 17:56	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0176	1	EPA 8082A	10/28/2024 08:39	10/29/2024 17:56	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0176	1	EPA 8082A	10/28/2024 08:39	10/29/2024 17:56	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: **Richmond Composite Top Soil** **York Sample ID:** **24J1510-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 22, 2024 11:15 am	10/23/2024

Polychlorinated Biphenyls (PCB)-8082

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
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0176	1	EPA 8082A	10/28/2024 08:39	10/29/2024 17:56	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0176	1	EPA 8082A	10/28/2024 08:39	10/29/2024 17:56	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0176	1	EPA 8082A	10/28/2024 08:39	10/29/2024 17:56	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0176	1	EPA 8082A	10/28/2024 08:39	10/29/2024 17:56	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*58.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*42.5 %*	*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		mg/kg dry	0.0212	1	EPA 8151A	10/26/2024 08:08	10/27/2024 15:04	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0212	1	EPA 8151A	10/26/2024 08:08	10/27/2024 15:04	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0212	1	EPA 8151A	10/26/2024 08:08	10/27/2024 15:04	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*43.8 %*	*21-150*

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**	**11300**		mg/kg dry	4.45	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-36-0	Antimony	ND		mg/kg dry	2.23	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**7.62**		mg/kg dry	1.34	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**49.1**		mg/kg dry	2.22	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	**Beryllium**	**0.625**		mg/kg dry	0.045	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-43-9	Cadmium	ND		mg/kg dry	0.267	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: **Richmond Composite Top Soil** **York Sample ID:** **24J1510-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 22, 2024 11:15 am	10/23/2024

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**	**1560**		mg/kg dry	4.45	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	**Chromium**	**20.6**		mg/kg dry	0.446	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-48-4	**Cobalt**	**6.14**		mg/kg dry	0.356	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**118**		mg/kg dry	1.78	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	**Iron**	**22400**		mg/kg dry	22.3	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**89.3**		mg/kg dry	0.446	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	**Magnesium**	**2240**		mg/kg dry	4.46	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**169**		mg/kg dry	0.446	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**14.6**		mg/kg dry	0.887	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	**Potassium**	**1140**		mg/kg dry	4.46	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	2.23	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.449	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**104**		mg/kg dry	44.5	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-28-0	Thallium	ND		mg/kg dry	2.23	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**30.8**		mg/kg dry	0.887	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	**Zinc**	**132**		mg/kg dry	2.22	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.221**		mg/kg dry	0.0321	1	EPA 7473	10/26/2024 08:16	10/29/2024 15:35	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04		

Total Solids

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

Sample Information

Client Sample ID: **Richmond Composite Top Soil** **York Sample ID:** **24J1510-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 22, 2024 11:15 am	10/23/2024

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**	**93.6**		%	0.100	1	SM 2540G	10/24/2024 08:53	10/24/2024 14:08	SMM
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: **SB-14_4 in_Top Soil** **York Sample ID:** **24J1510-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 22, 2024 10:30 am	10/23/2024

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:** **VOA-CONT**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D	10/24/2024 15:42	10/25/2024 16:19	SCB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D	10/24/2024 15:42	10/25/2024 16:19	SCB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D	10/24/2024 15:42	10/25/2024 16:19	SCB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D	10/24/2024 15:42	10/25/2024 16:19	SCB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D	10/24/2024 15:42	10/25/2024 16:19	SCB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D	10/24/2024 15:42	10/25/2024 16:19	SCB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D	10/24/2024 15:42	10/25/2024 16:19	SCB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D	10/24/2024 15:42	10/25/2024 16:19	SCB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D	10/24/2024 15:42	10/25/2024 16:19	SCB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE, QL-02	mg/kg dry	0.0042	0.0083	1	EPA 8260D	10/24/2024 15:42	10/25/2024 16:19	SCB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D	10/24/2024 15:42	10/25/2024 16:19	SCB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D	10/24/2024 15:42	10/25/2024 16:19	SCB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D	10/24/2024 15:42	10/25/2024 16:19	SCB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D	10/24/2024 15:42	10/25/2024 16:19	SCB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D	10/24/2024 15:42	10/25/2024 16:19	SCB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			

Sample Information

Client Sample ID: SB-14_4 in_Top Soil

York Sample ID: 24J1510-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 22, 2024 10:30 am	10/23/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:19	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:19	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
541-73-1	1,3-Dichlorobenzene	ND	QL-02	mg/kg dry	0.0042	0.0083	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:19	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:19	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.083	0.17	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:19	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
78-93-3	2-Butanone	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:19	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
591-78-6	2-Hexanone	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:19	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:19	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-64-1	**Acetone**	**0.020**	ICVE, QL-02	mg/kg dry	0.0083	0.017	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:19	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
107-02-8	Acrolein	ND	CCVE	mg/kg dry	0.0083	0.017	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:19	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:19	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-43-2	Benzene	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:19	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:19	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:19	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-25-2	Bromoform	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:19	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:19	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:19	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:19	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:19	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:19	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:19	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:19	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:19	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: SB-14_4 in_Top Soil

York Sample ID: 24J1510-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 22, 2024 10:30 am	10/23/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:19	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	Cyclohexane	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:19	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:19	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-95-3	Dibromomethane	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:19	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:19	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:19	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND	QL-02	mg/kg dry	0.0042	0.0083	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:19	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:19	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-20-9	Methyl acetate	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:19	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:19	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:19	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-09-2	Methylene chloride	ND		mg/kg dry	0.0083	0.017	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:19	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:19	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:19	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-47-6	o-Xylene	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:19	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0083	0.017	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:19	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
99-87-6	p-Isopropyltoluene	ND	CCVE, QL-02	mg/kg dry	0.0042	0.0083	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:19	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:19	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
100-42-5	Styrene	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:19	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:19	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:19	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0042	0.0083	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:19	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-88-3	Toluene	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:19	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: SB-14_4 in_Top Soil **York Sample ID:** 24J1510-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 22, 2024 10:30 am	10/23/2024

Volatile Organics, 8260 - Comprehensive

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D	10/24/2024 15:42	10/25/2024 16:19	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D	10/24/2024 15:42	10/25/2024 16:19	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D	10/24/2024 15:42	10/25/2024 16:19	SCB
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D	10/24/2024 15:42	10/25/2024 16:19	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D	10/24/2024 15:42	10/25/2024 16:19	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D	10/24/2024 15:42	10/25/2024 16:19	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.012	0.025	1	EPA 8260D	10/24/2024 15:42	10/25/2024 16:19	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.7 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*105 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		mg/kg dry			1	EPA 8260C	10/24/2024 15:42	10/25/2024 16:19	SCB
								Certifications:			

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**93.7**		%	0.100	1	SM 2540G	10/24/2024 08:53	10/24/2024 14:08	SMM
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB-17_2 in_Mulch **York Sample ID:** 24J1510-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 22, 2024 10:35 am	10/23/2024

Sample Information

Client Sample ID: SB-17_2 in_Mulch

York Sample ID: 24J1510-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 22, 2024 10:35 am	10/23/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.012	0.023	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.012	0.023	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.012	0.023	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.012	0.023	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.012	0.023	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.012	0.023	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.012	0.023	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.012	0.023	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:46 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.012	0.023	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:46 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	SCB
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE, QL-02	mg/kg dry	0.012	0.023	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:46 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.012	0.023	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.012	0.023	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.012	0.023	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.012	0.023	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.012	0.023	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.012	0.023	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.012	0.023	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
541-73-1	1,3-Dichlorobenzene	ND	QL-02	mg/kg dry	0.012	0.023	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.012	0.023	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.23	0.46	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:46 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
78-93-3	2-Butanone	ND		mg/kg dry	0.012	0.023	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
591-78-6	2-Hexanone	ND		mg/kg dry	0.012	0.023	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.012	0.023	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB

Sample Information

Client Sample ID: SB-17_2 in_Mulch

York Sample ID: 24J1510-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 22, 2024 10:35 am	10/23/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	**Acetone**	**0.036**	J	mg/kg dry	0.023	0.046	1	EPA 8260D	10/24/2024 15:42	10/25/2024 16:46	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
107-02-8	Acrolein	ND	CCVE	mg/kg dry	0.023	0.046	1	EPA 8260D	10/24/2024 15:42	10/25/2024 16:46	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.012	0.023	1	EPA 8260D	10/24/2024 15:42	10/25/2024 16:46	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.012	0.023	1	EPA 8260D	10/24/2024 15:42	10/25/2024 16:46	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.012	0.023	1	EPA 8260D	10/24/2024 15:42	10/25/2024 16:46	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.012	0.023	1	EPA 8260D	10/24/2024 15:42	10/25/2024 16:46	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.012	0.023	1	EPA 8260D	10/24/2024 15:42	10/25/2024 16:46	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.012	0.023	1	EPA 8260D	10/24/2024 15:42	10/25/2024 16:46	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.012	0.023	1	EPA 8260D	10/24/2024 15:42	10/25/2024 16:46	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.012	0.023	1	EPA 8260D	10/24/2024 15:42	10/25/2024 16:46	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.012	0.023	1	EPA 8260D	10/24/2024 15:42	10/25/2024 16:46	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.012	0.023	1	EPA 8260D	10/24/2024 15:42	10/25/2024 16:46	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.012	0.023	1	EPA 8260D	10/24/2024 15:42	10/25/2024 16:46	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.012	0.023	1	EPA 8260D	10/24/2024 15:42	10/25/2024 16:46	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.012	0.023	1	EPA 8260D	10/24/2024 15:42	10/25/2024 16:46	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.012	0.023	1	EPA 8260D	10/24/2024 15:42	10/25/2024 16:46	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.012	0.023	1	EPA 8260D	10/24/2024 15:42	10/25/2024 16:46	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.012	0.023	1	EPA 8260D	10/24/2024 15:42	10/25/2024 16:46	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.012	0.023	1	EPA 8260D	10/24/2024 15:42	10/25/2024 16:46	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.012	0.023	1	EPA 8260D	10/24/2024 15:42	10/25/2024 16:46	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.012	0.023	1	EPA 8260D	10/24/2024 15:42	10/25/2024 16:46	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	QL-02	mg/kg dry	0.012	0.023	1	EPA 8260D	10/24/2024 15:42	10/25/2024 16:46	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.012	0.023	1	EPA 8260D	10/24/2024 15:42	10/25/2024 16:46	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-17_2 in_Mulch **York Sample ID:** 24J1510-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 22, 2024 10:35 am	10/23/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		mg/kg dry	0.012	0.023	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:46	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.012	0.023	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:46	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.012	0.023	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:46	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-09-2	Methylene chloride	ND		mg/kg dry	0.023	0.046	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:46	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.012	0.023	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:46	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.012	0.023	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:46	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-47-6	o-Xylene	ND		mg/kg dry	0.012	0.023	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:46	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.023	0.046	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:46	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
99-87-6	p-Isopropyltoluene	ND	CCVE, QL-02	mg/kg dry	0.012	0.023	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:46	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.012	0.023	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:46	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
100-42-5	Styrene	ND		mg/kg dry	0.012	0.023	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:46	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.012	0.023	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:46	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.012	0.023	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:46	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.012	0.023	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:46	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-88-3	Toluene	ND		mg/kg dry	0.012	0.023	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:46	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.012	0.023	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:46	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.012	0.023	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:46	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.012	0.023	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:46	SCB CTDOH-PH-0723,NJDEP-CT005
79-01-6	Trichloroethylene	ND		mg/kg dry	0.012	0.023	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:46	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.012	0.023	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:46	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.012	0.023	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:46	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.035	0.070	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 16:46	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*108 %*	*77-125*

Sample Information

Client Sample ID: SB-17_2 in_Mulch **York Sample ID:** 24J1510-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 22, 2024 10:35 am	10/23/2024

Volatile Organics, 8260 - Comprehensive

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2037-26-5	*Surrogate: SURR: Toluene-d8*	*106 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*120 %*			*76-130*						

Volatile Organics, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		mg/kg dry			1	EPA 8260C Certifications:	10/24/2024 15:42	10/25/2024 16:46	SCB

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**	**56.6**		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	10/24/2024 08:53	10/24/2024 14:08	SMM

Sample Information

Client Sample ID: SB-18_4 in-5.5 ft **York Sample ID:** 24J1510-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 22, 2024 11:40 am	10/23/2024

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		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 17:12	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 17:12	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 17:12	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 17:12	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 17:12	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 17:12	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: SB-18_4 in-5.5 ft

York Sample ID: 24J1510-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 22, 2024 11:40 am	10/23/2024

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
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 17:12	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 17:12	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 17:12	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE, QL-02	mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 17:12	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 17:12	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 17:12	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 17:12	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 17:12	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 17:12	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 17:12	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 17:12	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
541-73-1	1,3-Dichlorobenzene	ND	QL-02	mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 17:12	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 17:12	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.051	0.10	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 17:12	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
78-93-3	**2-Butanone**	**0.0052**		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 17:12	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 17:12	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 17:12	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-64-1	**Acetone**	**0.031**	ICVE, QL-02	mg/kg dry	0.0051	0.010	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 17:12	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
107-02-8	Acrolein	ND	CCVE	mg/kg dry	0.0051	0.010	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 17:12	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 17:12	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 17:12	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 17:12	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 17:12	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: SB-18_4 in-5.5 ft **York Sample ID:** 24J1510-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 22, 2024 11:40 am	10/23/2024

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
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	10/24/2024 15:42	10/25/2024 17:12	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	10/24/2024 15:42	10/25/2024 17:12	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	10/24/2024 15:42	10/25/2024 17:12	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	10/24/2024 15:42	10/25/2024 17:12	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	10/24/2024 15:42	10/25/2024 17:12	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	10/24/2024 15:42	10/25/2024 17:12	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	10/24/2024 15:42	10/25/2024 17:12	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	10/24/2024 15:42	10/25/2024 17:12	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	10/24/2024 15:42	10/25/2024 17:12	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	10/24/2024 15:42	10/25/2024 17:12	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	10/24/2024 15:42	10/25/2024 17:12	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	10/24/2024 15:42	10/25/2024 17:12	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	10/24/2024 15:42	10/25/2024 17:12	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	10/24/2024 15:42	10/25/2024 17:12	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	**Ethyl Benzene**	**0.0039**	J	mg/kg dry	0.0026	0.0051	1	EPA 8260D	10/24/2024 15:42	10/25/2024 17:12	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
87-68-3	Hexachlorobutadiene	ND	QL-02	mg/kg dry	0.0026	0.0051	1	EPA 8260D	10/24/2024 15:42	10/25/2024 17:12	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	10/24/2024 15:42	10/25/2024 17:12	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	**Methyl acetate**	**0.0031**	J	mg/kg dry	0.0026	0.0051	1	EPA 8260D	10/24/2024 15:42	10/25/2024 17:12	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-0		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	10/24/2024 15:42	10/25/2024 17:12	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	10/24/2024 15:42	10/25/2024 17:12	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	**Methylene chloride**	**0.0092**	J	mg/kg dry	0.0051	0.010	1	EPA 8260D	10/24/2024 15:42	10/25/2024 17:12	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	10/24/2024 15:42	10/25/2024 17:12	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	10/24/2024 15:42	10/25/2024 17:12	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-18_4 in-5.5 ft

York Sample ID: 24J1510-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 22, 2024 11:40 am	10/23/2024

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
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 17:12	SCB
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0051	0.010	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 17:12	SCB
99-87-6	p-Isopropyltoluene	ND	CCVE, QL-02	mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 17:12	SCB
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 17:12	SCB
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 17:12	SCB
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/24/2024 15:42 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/25/2024 17:12	SCB
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 17:12	SCB
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 17:12	SCB
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 17:12	SCB
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 17:12	SCB
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 17:12	SCB
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NJDEP-CT005	10/25/2024 17:12	SCB
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 17:12	SCB
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 17:12	SCB
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 17:12	SCB
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0077	0.015	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 17:12	SCB

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.6 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	10/25/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/28/2024 21:55	SS

Sample Information

Client Sample ID: SB-18_4 in-5.5 ft

York Sample ID: 24J1510-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 22, 2024 11:40 am	10/23/2024

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
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0929	0.186	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:55 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:55 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:55 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:55 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:55 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0929	0.186	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:55 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0929	0.186	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0929	0.186	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:55 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0929	0.186	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS

Sample Information

Client Sample ID: SB-18_4 in-5.5 ft

York Sample ID: 24J1510-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 22, 2024 11:40 am	10/23/2024

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
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0929	0.186	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:55	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:55	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:55	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:55	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:55	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0929	0.186	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:55	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0929	0.186	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:55	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
83-32-9	**Acenaphthene**	**0.0602**	J	mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:55	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:55	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-86-2	Acetophenone	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:55	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
62-53-3	Aniline	ND		mg/kg dry	0.186	0.372	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:55	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
120-12-7	**Anthracene**	**0.0988**		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:55	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
1912-24-9	Atrazine	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:55	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:55	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
92-87-5	Benzidine	ND		mg/kg dry	0.186	0.372	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:55	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
56-55-3	**Benzo(a)anthracene**	**0.182**		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:55	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
50-32-8	**Benzo(a)pyrene**	**0.127**		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:55	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
205-99-2	**Benzo(b)fluoranthene**	**0.122**		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:55	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
191-24-2	**Benzo(g,h,i)perylene**	**0.0498**	J	mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:55	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
207-08-9	**Benzo(k)fluoranthene**	**0.126**		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:55	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
65-85-0	Benzoic acid	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:55	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:55	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:55	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: SB-18_4 in-5.5 ft

York Sample ID: 24J1510-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 22, 2024 11:40 am	10/23/2024

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
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
105-60-2	Caprolactam	ND		mg/kg dry	0.0929	0.186	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:55 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
86-74-8	**Carbazole**	**0.0594**	J	mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	SS
218-01-9	**Chrysene**	**0.192**		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	SS
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
122-39-4	* Diphenylamine	ND		mg/kg dry	0.0929	0.186	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:55	SS
206-44-0	**Fluoranthene**	**0.500**		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	SS
86-73-7	**Fluorene**	**0.0669**	J	mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:55 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
87-68-3	Hexachlorobutadiene	ND	CCVE	mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.0646**	J	mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	SS
78-59-1	Isophorone	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
91-20-3	Naphthalene	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 21:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS

Sample Information

Client Sample ID: SB-18_4 in-5.5 ft

York Sample ID: 24J1510-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 22, 2024 11:40 am	10/23/2024

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
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E	10/25/2024 08:45	10/28/2024 21:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E	10/25/2024 08:45	10/28/2024 21:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E	10/25/2024 08:45	10/28/2024 21:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E	10/25/2024 08:45	10/28/2024 21:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0466	0.0929	2	EPA 8270E	10/25/2024 08:45	10/28/2024 21:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.325**		mg/kg dry	0.0466	0.0929	2	EPA 8270E	10/25/2024 08:45	10/28/2024 21:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
108-95-2	Phenol	ND		mg/kg dry	0.0466	0.0929	2	EPA 8270E	10/25/2024 08:45	10/28/2024 21:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.277**		mg/kg dry	0.0466	0.0929	2	EPA 8270E	10/25/2024 08:45	10/28/2024 21:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*71.0 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*95.0 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*75.1 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*66.1 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*84.0 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*66.0 %*	*24-116*

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		mg/kg dry	0.00184	5	EPA 8081B	10/28/2024 08:39	10/29/2024 15:47	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00184	5	EPA 8081B	10/28/2024 08:39	10/29/2024 15:47	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00184	5	EPA 8081B	10/28/2024 08:39	10/29/2024 15:47	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00184	5	EPA 8081B	10/28/2024 08:39	10/29/2024 15:47	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00184	5	EPA 8081B	10/28/2024 08:39	10/29/2024 15:47	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00184	5	EPA 8081B	10/28/2024 08:39	10/29/2024 15:47	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00184	5	EPA 8081B	10/28/2024 08:39	10/29/2024 15:47	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0368	5	EPA 8081B	10/28/2024 08:39	10/29/2024 15:47	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-18_4 in-5.5 ft **York Sample ID:** 24J1510-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 22, 2024 11:40 am	10/23/2024

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
319-86-8	delta-BHC	ND		mg/kg dry	0.00184	5	EPA 8081B	10/28/2024 08:39	10/29/2024 15:47	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00184	5	EPA 8081B	10/28/2024 08:39	10/29/2024 15:47	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00184	5	EPA 8081B	10/28/2024 08:39	10/29/2024 15:47	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00184	5	EPA 8081B	10/28/2024 08:39	10/29/2024 15:47	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00184	5	EPA 8081B	10/28/2024 08:39	10/29/2024 15:47	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00184	5	EPA 8081B	10/28/2024 08:39	10/29/2024 15:47	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00184	5	EPA 8081B	10/28/2024 08:39	10/29/2024 15:47	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00184	5	EPA 8081B	10/28/2024 08:39	10/29/2024 15:47	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00184	5	EPA 8081B	10/28/2024 08:39	10/29/2024 15:47	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00184	5	EPA 8081B	10/28/2024 08:39	10/29/2024 15:47	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00184	5	EPA 8081B	10/28/2024 08:39	10/29/2024 15:47	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00184	5	EPA 8081B	10/28/2024 08:39	10/29/2024 15:47	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00184	5	EPA 8081B	10/28/2024 08:39	10/29/2024 15:47	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.184	5	EPA 8081B	10/28/2024 08:39	10/29/2024 15:47	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*50.2 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*60.9 %*	*30-150*

Polychlorinated Biphenyls (PCB)-8082

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0186	1	EPA 8082A	10/28/2024 08:39	10/29/2024 18:09	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0186	1	EPA 8082A	10/28/2024 08:39	10/29/2024 18:09	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0186	1	EPA 8082A	10/28/2024 08:39	10/29/2024 18:09	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0186	1	EPA 8082A	10/28/2024 08:39	10/29/2024 18:09	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-18_4 in-5.5 ft **York Sample ID:** 24J1510-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 22, 2024 11:40 am	10/23/2024

Polychlorinated Biphenyls (PCB)-8082

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
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0186	1	EPA 8082A	10/28/2024 08:39	10/29/2024 18:09	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0186	1	EPA 8082A	10/28/2024 08:39	10/29/2024 18:09	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0186	1	EPA 8082A	10/28/2024 08:39	10/29/2024 18:09	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0186	1	EPA 8082A	10/28/2024 08:39	10/29/2024 18:09	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*48.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*32.5 %*	*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		mg/kg dry	0.0224	1	EPA 8151A	10/26/2024 08:08	10/27/2024 15:12	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0224	1	EPA 8151A	10/26/2024 08:08	10/27/2024 15:12	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0224	1	EPA 8151A	10/26/2024 08:08	10/27/2024 15:12	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*58.0 %*	*21-150*

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**	**10900**		mg/kg dry	4.70	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-36-0	Antimony	ND		mg/kg dry	2.35	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**7.11**		mg/kg dry	1.41	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**52.5**		mg/kg dry	2.35	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	**Beryllium**	**0.535**		mg/kg dry	0.047	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-43-9	Cadmium	ND		mg/kg dry	0.282	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-18_4 in-5.5 ft **York Sample ID:** 24J1510-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 22, 2024 11:40 am	10/23/2024

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**	**1420**		mg/kg dry	4.71	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	**Chromium**	**14.4**		mg/kg dry	0.471	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-48-4	**Cobalt**	**5.14**		mg/kg dry	0.376	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**81.3**		mg/kg dry	1.88	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	**Iron**	**16900**		mg/kg dry	23.5	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**53.7**		mg/kg dry	0.471	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	**Magnesium**	**1480**		mg/kg dry	4.71	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**213**		mg/kg dry	0.471	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**10.5**		mg/kg dry	0.937	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	**Potassium**	**1080**		mg/kg dry	4.71	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	2.35	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.474	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**74.2**		mg/kg dry	47.1	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-28-0	Thallium	ND		mg/kg dry	2.35	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**23.1**		mg/kg dry	0.937	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	**Zinc**	**116**		mg/kg dry	2.34	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0707**		mg/kg dry	0.0339	1	EPA 7473	10/26/2024 08:16	10/29/2024 15:35	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04		

Total Solids

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

Sample Information

Client Sample ID: SB-18_4 in-5.5 ft **York Sample ID:** 24J1510-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 22, 2024 11:40 am	10/23/2024

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**	**88.6**		%	0.100	1	SM 2540G	10/24/2024 08:53	10/24/2024 14:08	SMM
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: SB-21_6 in-5.5 ft **York Sample ID:** 24J1510-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 22, 2024 12:00 pm	10/23/2024

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		mg/kg dry	0.0026	0.0053	1	EPA 8260D	10/24/2024 15:42	10/25/2024 17:38	SCB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	10/24/2024 15:42	10/25/2024 17:38	SCB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	10/24/2024 15:42	10/25/2024 17:38	SCB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	10/24/2024 15:42	10/25/2024 17:38	SCB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	10/24/2024 15:42	10/25/2024 17:38	SCB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	10/24/2024 15:42	10/25/2024 17:38	SCB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	10/24/2024 15:42	10/25/2024 17:38	SCB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	10/24/2024 15:42	10/25/2024 17:38	SCB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	10/24/2024 15:42	10/25/2024 17:38	SCB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE, QL-02	mg/kg dry	0.0026	0.0053	1	EPA 8260D	10/24/2024 15:42	10/25/2024 17:38	SCB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	10/24/2024 15:42	10/25/2024 17:38	SCB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	10/24/2024 15:42	10/25/2024 17:38	SCB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	10/24/2024 15:42	10/25/2024 17:38	SCB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	10/24/2024 15:42	10/25/2024 17:38	SCB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	10/24/2024 15:42	10/25/2024 17:38	SCB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			

Sample Information

Client Sample ID: SB-21_6 in-5.5 ft

York Sample ID: 24J1510-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 22, 2024 12:00 pm	10/23/2024

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
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	10/24/2024 15:42	10/25/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	10/24/2024 15:42	10/25/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND	QL-02	mg/kg dry	0.0026	0.0053	1	EPA 8260D	10/24/2024 15:42	10/25/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	10/24/2024 15:42	10/25/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.053	0.11	1	EPA 8260D	10/24/2024 15:42	10/25/2024 17:38	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	10/24/2024 15:42	10/25/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	10/24/2024 15:42	10/25/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	10/24/2024 15:42	10/25/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.016**	ICVE, QL-02	mg/kg dry	0.0053	0.011	1	EPA 8260D	10/24/2024 15:42	10/25/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
107-02-8	Acrolein	ND	CCVE	mg/kg dry	0.0053	0.011	1	EPA 8260D	10/24/2024 15:42	10/25/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	10/24/2024 15:42	10/25/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	10/24/2024 15:42	10/25/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	10/24/2024 15:42	10/25/2024 17:38	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	10/24/2024 15:42	10/25/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	10/24/2024 15:42	10/25/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	10/24/2024 15:42	10/25/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	10/24/2024 15:42	10/25/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	10/24/2024 15:42	10/25/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	10/24/2024 15:42	10/25/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	10/24/2024 15:42	10/25/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	10/24/2024 15:42	10/25/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	10/24/2024 15:42	10/25/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	10/24/2024 15:42	10/25/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-21_6 in-5.5 ft

York Sample ID: 24J1510-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 22, 2024 12:00 pm	10/23/2024

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
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	10/24/2024 15:42	10/25/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	10/24/2024 15:42	10/25/2024 17:38	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	10/24/2024 15:42	10/25/2024 17:38	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	10/24/2024 15:42	10/25/2024 17:38	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	10/24/2024 15:42	10/25/2024 17:38	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	10/24/2024 15:42	10/25/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	QL-02	mg/kg dry	0.0026	0.0053	1	EPA 8260D	10/24/2024 15:42	10/25/2024 17:38	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	10/24/2024 15:42	10/25/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	10/24/2024 15:42	10/25/2024 17:38	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	10/24/2024 15:42	10/25/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	10/24/2024 15:42	10/25/2024 17:38	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	**Methylene chloride**	**0.0066**	J	mg/kg dry	0.0053	0.011	1	EPA 8260D	10/24/2024 15:42	10/25/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	10/24/2024 15:42	10/25/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	10/24/2024 15:42	10/25/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	10/24/2024 15:42	10/25/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0053	0.011	1	EPA 8260D	10/24/2024 15:42	10/25/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND	CCVE, QL-02	mg/kg dry	0.0026	0.0053	1	EPA 8260D	10/24/2024 15:42	10/25/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	10/24/2024 15:42	10/25/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	10/24/2024 15:42	10/25/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	10/24/2024 15:42	10/25/2024 17:38	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	10/24/2024 15:42	10/25/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0026	0.0053	1	EPA 8260D	10/24/2024 15:42	10/25/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	10/24/2024 15:42	10/25/2024 17:38	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-21_6 in-5.5 ft

York Sample ID: 24J1510-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 22, 2024 12:00 pm	10/23/2024

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
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 17:38	SCB
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 17:38	SCB
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NJDEP-CT005	10/25/2024 17:38	SCB
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 17:38	SCB
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 17:38	SCB
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 17:38	SCB
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0079	0.016	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 17:38	SCB

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.5 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*105 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270E Certifications:	10/25/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/28/2024 22:25	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0941	0.188	2	EPA 8270E Certifications:	10/25/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/28/2024 22:25	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 22:25	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270E Certifications:	10/25/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/28/2024 22:25	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270E Certifications:	10/25/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/28/2024 22:25	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270E Certifications:	10/25/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/28/2024 22:25	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270E Certifications:	10/25/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/28/2024 22:25	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0941	0.188	2	EPA 8270E Certifications:	10/25/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/28/2024 22:25	SS
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 22:25	SS
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 22:25	SS

Sample Information

Client Sample ID: SB-21_6 in-5.5 ft

York Sample ID: 24J1510-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 22, 2024 12:00 pm	10/23/2024

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
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:25	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0472	0.0941	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:25	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0941	0.188	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:25	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:25	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:25	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:25	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:25	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:25	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:25	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0941	0.188	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:25	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:25	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:25	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:25	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0941	0.188	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:25	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0941	0.188	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:25	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:25	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:25	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:25	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:25	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0941	0.188	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:25	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0941	0.188	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:25	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
83-32-9	Acenaphthene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:25	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
208-96-8	**Acenaphthylene**	**0.0609**	J	mg/kg dry	0.0472	0.0941	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:25	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04

Sample Information

Client Sample ID: SB-21_6 in-5.5 ft

York Sample ID: 24J1510-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 22, 2024 12:00 pm	10/23/2024

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
98-86-2	Acetophenone	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270E Certifications:	10/25/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/28/2024 22:25	SS
62-53-3	Aniline	ND		mg/kg dry	0.188	0.377	2	EPA 8270E Certifications:	10/25/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/28/2024 22:25	SS
120-12-7	Anthracene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 22:25	SS
1912-24-9	Atrazine	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270E Certifications:	10/25/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/28/2024 22:25	SS
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270E Certifications:	10/25/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/28/2024 22:25	SS
92-87-5	Benzidine	ND		mg/kg dry	0.188	0.377	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 22:25	SS
56-55-3	**Benzo(a)anthracene**	**0.160**		mg/kg dry	0.0472	0.0941	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/28/2024 22:25	SS
50-32-8	**Benzo(a)pyrene**	**0.136**		mg/kg dry	0.0472	0.0941	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/28/2024 22:25	SS
205-99-2	**Benzo(b)fluoranthene**	**0.139**		mg/kg dry	0.0472	0.0941	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/28/2024 22:25	SS
191-24-2	**Benzo(g,h,i)perylene**	**0.0722**	J	mg/kg dry	0.0472	0.0941	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/28/2024 22:25	SS
207-08-9	**Benzo(k)fluoranthene**	**0.132**		mg/kg dry	0.0472	0.0941	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/28/2024 22:25	SS
65-85-0	Benzoic acid	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270E Certifications:	10/25/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/28/2024 22:25	SS
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270E Certifications:	10/25/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/28/2024 22:25	SS
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 22:25	SS
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 22:25	SS
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 22:25	SS
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 22:25	SS
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 22:25	SS
105-60-2	Caprolactam	ND		mg/kg dry	0.0941	0.188	2	EPA 8270E Certifications:	10/25/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/28/2024 22:25	SS
86-74-8	Carbazole	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 22:25	SS
218-01-9	**Chrysene**	**0.175**		mg/kg dry	0.0472	0.0941	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/28/2024 22:25	SS
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 22:25	SS
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 22:25	SS

Sample Information

Client Sample ID: SB-21_6 in-5.5 ft

York Sample ID: 24J1510-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 22, 2024 12:00 pm	10/23/2024

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
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:25	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:25	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:25	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:25	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
122-39-4	* Diphenylamine	ND		mg/kg dry	0.0941	0.188	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:25	SS
206-44-0	**Fluoranthene**	**0.349**		mg/kg dry	0.0472	0.0941	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:25	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
86-73-7	Fluorene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:25	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:25	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
87-68-3	Hexachlorobutadiene	ND	CCVE	mg/kg dry	0.0472	0.0941	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:25	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0472	0.0941	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:25	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:25	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.0798**	J	mg/kg dry	0.0472	0.0941	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:25	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
78-59-1	Isophorone	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:25	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-20-3	Naphthalene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:25	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:25	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:25	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:25	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:25	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0472	0.0941	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:25	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
85-01-8	**Phenanthrene**	**0.107**		mg/kg dry	0.0472	0.0941	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:25	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
108-95-2	Phenol	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:25	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
129-00-0	**Pyrene**	**0.243**		mg/kg dry	0.0472	0.0941	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:25	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*73.1 %*	*20-108*

Sample Information

Client Sample ID: SB-21_6 in-5.5 ft

York Sample ID: 24J1510-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 22, 2024 12:00 pm	10/23/2024

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
13127-88-3	*Surrogate: SURR: Phenol-d6*	*93.4 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*80.2 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*66.8 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*81.0 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*67.7 %*			*24-116*						

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		mg/kg dry	0.00186	5	EPA 8081B	10/28/2024 08:39	10/29/2024 16:04	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00186	5	EPA 8081B	10/28/2024 08:39	10/29/2024 16:04	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00186	5	EPA 8081B	10/28/2024 08:39	10/29/2024 16:04	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00186	5	EPA 8081B	10/28/2024 08:39	10/29/2024 16:04	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00186	5	EPA 8081B	10/28/2024 08:39	10/29/2024 16:04	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00186	5	EPA 8081B	10/28/2024 08:39	10/29/2024 16:04	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00186	5	EPA 8081B	10/28/2024 08:39	10/29/2024 16:04	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0371	5	EPA 8081B	10/28/2024 08:39	10/29/2024 16:04	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00186	5	EPA 8081B	10/28/2024 08:39	10/29/2024 16:04	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00186	5	EPA 8081B	10/28/2024 08:39	10/29/2024 16:04	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00186	5	EPA 8081B	10/28/2024 08:39	10/29/2024 16:04	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00186	5	EPA 8081B	10/28/2024 08:39	10/29/2024 16:04	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00186	5	EPA 8081B	10/28/2024 08:39	10/29/2024 16:04	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00186	5	EPA 8081B	10/28/2024 08:39	10/29/2024 16:04	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00186	5	EPA 8081B	10/28/2024 08:39	10/29/2024 16:04	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00186	5	EPA 8081B	10/28/2024 08:39	10/29/2024 16:04	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00186	5	EPA 8081B	10/28/2024 08:39	10/29/2024 16:04	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-21_6 in-5.5 ft **York Sample ID:** 24J1510-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 22, 2024 12:00 pm	10/23/2024

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
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00186	5	EPA 8081B	10/28/2024 08:39	10/29/2024 16:04	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00186	5	EPA 8081B	10/28/2024 08:39	10/29/2024 16:04	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00186	5	EPA 8081B	10/28/2024 08:39	10/29/2024 16:04	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00186	5	EPA 8081B	10/28/2024 08:39	10/29/2024 16:04	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.186	5	EPA 8081B	10/28/2024 08:39	10/29/2024 16:04	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*70.1 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*88.0 %*	*30-150*

Polychlorinated Biphenyls (PCB)-8082

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	0.0187	1	EPA 8082A	10/28/2024 08:39	10/29/2024 18:23	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0187	1	EPA 8082A	10/28/2024 08:39	10/29/2024 18:23	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0187	1	EPA 8082A	10/28/2024 08:39	10/29/2024 18:23	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0187	1	EPA 8082A	10/28/2024 08:39	10/29/2024 18:23	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	**Aroclor 1248**	**0.0344**		mg/kg dry	0.0187	1	EPA 8082A	10/28/2024 08:39	10/29/2024 18:23	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0187	1	EPA 8082A	10/28/2024 08:39	10/29/2024 18:23	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	**Aroclor 1260**	**0.0245**	P	mg/kg dry	0.0187	1	EPA 8082A	10/28/2024 08:39	10/29/2024 18:23	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04		
1336-36-3	*** Total PCBs**	**0.0589**		mg/kg dry	0.0187	1	EPA 8082A	10/28/2024 08:39	10/29/2024 18:23	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*67.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*46.0 %*	*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

Sample Information

Client Sample ID: SB-21_6 in-5.5 ft **York Sample ID:** 24J1510-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 22, 2024 12:00 pm	10/23/2024

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		mg/kg dry	0.0226	1	EPA 8151A	10/26/2024 08:08	10/27/2024 15:19	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0226	1	EPA 8151A	10/26/2024 08:08	10/27/2024 15:19	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0226	1	EPA 8151A	10/26/2024 08:08	10/27/2024 15:19	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*45.4 %*	*21-150*

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**	**11000**		mg/kg dry	4.75	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-36-0	Antimony	ND		mg/kg dry	2.37	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**8.27**		mg/kg dry	1.42	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**66.9**		mg/kg dry	2.37	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	**Beryllium**	**0.648**		mg/kg dry	0.048	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-43-9	**Cadmium**	**0.484**		mg/kg dry	0.285	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-70-2	**Calcium**	**4580**		mg/kg dry	4.75	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	**Chromium**	**19.9**		mg/kg dry	0.475	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-48-4	**Cobalt**	**5.16**		mg/kg dry	0.380	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**431**		mg/kg dry	1.90	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	**Iron**	**16200**		mg/kg dry	23.7	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**210**		mg/kg dry	0.475	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	**Magnesium**	**1920**		mg/kg dry	4.75	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**268**		mg/kg dry	0.475	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB-21_6 in-5.5 ft **York Sample ID:** 24J1510-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 22, 2024 12:00 pm	10/23/2024

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
7440-02-0	**Nickel**	**11.8**		mg/kg dry	0.946	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	**Potassium**	**1190**		mg/kg dry	4.75	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	2.37	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.479	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**171**		mg/kg dry	47.5	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-28-0	Thallium	ND		mg/kg dry	2.37	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**26.6**		mg/kg dry	0.946	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	**Zinc**	**284**		mg/kg dry	2.37	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.198**		mg/kg dry	0.0342	1	EPA 7473	10/26/2024 08:16	10/29/2024 15:35	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04		

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**87.7**		%	0.100	1	SM 2540G	10/24/2024 08:53	10/24/2024 14:08	SMM
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB-23_4 in-6 ft **York Sample ID:** 24J1510-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 22, 2024 12:40 pm	10/23/2024

Volatile Organics, 8260 - Comprehensive

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

Sample Information

Client Sample ID: SB-23_4 in-6 ft

York Sample ID: 24J1510-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 22, 2024 12:40 pm	10/23/2024

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	10/24/2024 15:42	10/25/2024 18:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	10/24/2024 15:42	10/25/2024 18:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	10/24/2024 15:42	10/25/2024 18:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	10/24/2024 15:42	10/25/2024 18:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	10/24/2024 15:42	10/25/2024 18:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	10/24/2024 15:42	10/25/2024 18:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	10/24/2024 15:42	10/25/2024 18:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	10/24/2024 15:42	10/25/2024 18:05	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	10/24/2024 15:42	10/25/2024 18:05	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE, QL-02	mg/kg dry	0.0026	0.0051	1	EPA 8260D	10/24/2024 15:42	10/25/2024 18:05	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	10/24/2024 15:42	10/25/2024 18:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	10/24/2024 15:42	10/25/2024 18:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	10/24/2024 15:42	10/25/2024 18:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	10/24/2024 15:42	10/25/2024 18:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	10/24/2024 15:42	10/25/2024 18:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	10/24/2024 15:42	10/25/2024 18:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	10/24/2024 15:42	10/25/2024 18:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND	QL-02	mg/kg dry	0.0026	0.0051	1	EPA 8260D	10/24/2024 15:42	10/25/2024 18:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	10/24/2024 15:42	10/25/2024 18:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.051	0.10	1	EPA 8260D	10/24/2024 15:42	10/25/2024 18:05	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	10/24/2024 15:42	10/25/2024 18:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	10/24/2024 15:42	10/25/2024 18:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	10/24/2024 15:42	10/25/2024 18:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0051	0.010	1	EPA 8260D	10/24/2024 15:42	10/25/2024 18:05	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-23_4 in-6 ft

York Sample ID: 24J1510-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 22, 2024 12:40 pm	10/23/2024

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	CCVE	mg/kg dry	0.0051	0.010	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:05	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:05	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:05	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:05	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:05	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:05	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:05	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:05	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:05	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:05	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:05	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:05	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:05	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:05	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:05	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:05	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:05	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:05	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:05	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:05	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND	QL-02	mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:05	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:05	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:05	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04

Sample Information

Client Sample ID: SB-23_4 in-6 ft **York Sample ID:** 24J1510-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 22, 2024 12:40 pm	10/23/2024

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		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:05 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
75-09-2	Methylene chloride	ND		mg/kg dry	0.0051	0.010	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0051	0.010	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
99-87-6	p-Isopropyltoluene	ND	CCVE, QL-02	mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:05 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:05 CTDOH-PH-0723,NJDEP-CT005	SCB
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0077	0.015	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*95.7 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*85-120*

Sample Information

Client Sample ID: SB-23_4 in-6 ft

York Sample ID: 24J1510-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 22, 2024 12:40 pm	10/23/2024

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: SURR: p-Bromofluorobenzene*	*107 %*			*76-130*						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:56 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0909	0.182	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:56 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:56 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:56 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:56 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:56 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0909	0.182	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:56 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0455	0.0909	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0909	0.182	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
91-57-6	**2-Methylnaphthalene**	**0.0458**	J	mg/kg dry	0.0455	0.0909	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	SS
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS

Sample Information

Client Sample ID: SB-23_4 in-6 ft **York Sample ID:** 24J1510-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 22, 2024 12:40 pm	10/23/2024

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
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0909	0.182	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:56	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:56	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:56	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:56	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0909	0.182	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:56	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0909	0.182	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:56	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:56	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:56	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:56	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:56	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0909	0.182	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:56	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0909	0.182	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:56	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
83-32-9	**Acenaphthene**	**0.166**		mg/kg dry	0.0455	0.0909	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:56	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
208-96-8	**Acenaphthylene**	**0.177**		mg/kg dry	0.0455	0.0909	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:56	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
98-86-2	Acetophenone	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:56	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
62-53-3	Aniline	ND		mg/kg dry	0.182	0.364	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:56	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
120-12-7	**Anthracene**	**0.445**		mg/kg dry	0.0455	0.0909	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:56	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
1912-24-9	Atrazine	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:56	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:56	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
92-87-5	Benzidine	ND		mg/kg dry	0.182	0.364	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:56	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
56-55-3	**Benzo(a)anthracene**	**1.39**		mg/kg dry	0.0455	0.0909	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:56	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
50-32-8	**Benzo(a)pyrene**	**1.11**		mg/kg dry	0.0455	0.0909	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:56	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
205-99-2	**Benzo(b)fluoranthene**	**1.11**		mg/kg dry	0.0455	0.0909	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 22:56	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04

Sample Information

Client Sample ID: SB-23_4 in-6 ft **York Sample ID:** 24J1510-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 22, 2024 12:40 pm	10/23/2024

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
191-24-2	**Benzo(g,h,i)perylene**	**0.447**		mg/kg dry	0.0455	0.0909	2	EPA 8270E	10/25/2024 08:45	10/28/2024 22:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
207-08-9	**Benzo(k)fluoranthene**	**0.872**		mg/kg dry	0.0455	0.0909	2	EPA 8270E	10/25/2024 08:45	10/28/2024 22:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	10/25/2024 08:45	10/28/2024 22:56	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	10/25/2024 08:45	10/28/2024 22:56	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	10/25/2024 08:45	10/28/2024 22:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	10/25/2024 08:45	10/28/2024 22:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	10/25/2024 08:45	10/28/2024 22:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	10/25/2024 08:45	10/28/2024 22:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	10/25/2024 08:45	10/28/2024 22:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0909	0.182	2	EPA 8270E	10/25/2024 08:45	10/28/2024 22:56	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	**Carbazole**	**0.209**		mg/kg dry	0.0455	0.0909	2	EPA 8270E	10/25/2024 08:45	10/28/2024 22:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
218-01-9	**Chrysene**	**1.47**		mg/kg dry	0.0455	0.0909	2	EPA 8270E	10/25/2024 08:45	10/28/2024 22:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
53-70-3	**Dibenzo(a,h)anthracene**	**0.198**		mg/kg dry	0.0455	0.0909	2	EPA 8270E	10/25/2024 08:45	10/28/2024 22:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
132-64-9	**Dibenzofuran**	**0.0748**	J	mg/kg dry	0.0455	0.0909	2	EPA 8270E	10/25/2024 08:45	10/28/2024 22:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	10/25/2024 08:45	10/28/2024 22:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	10/25/2024 08:45	10/28/2024 22:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	10/25/2024 08:45	10/28/2024 22:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	10/25/2024 08:45	10/28/2024 22:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.0909	0.182	2	EPA 8270E	10/25/2024 08:45	10/28/2024 22:56	SS
								Certifications:			
206-44-0	**Fluoranthene**	**2.53**		mg/kg dry	0.0455	0.0909	2	EPA 8270E	10/25/2024 08:45	10/28/2024 22:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
86-73-7	**Fluorene**	**0.186**		mg/kg dry	0.0455	0.0909	2	EPA 8270E	10/25/2024 08:45	10/28/2024 22:56	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	10/25/2024 08:45	10/28/2024 22:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND	CCVE	mg/kg dry	0.0455	0.0909	2	EPA 8270E	10/25/2024 08:45	10/28/2024 22:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-23_4 in-6 ft **York Sample ID:** 24J1510-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 22, 2024 12:40 pm	10/23/2024

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
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0455	0.0909	2	EPA 8270E	10/25/2024 08:45	10/28/2024 22:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	10/25/2024 08:45	10/28/2024 22:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.521**	CCVE	mg/kg dry	0.0455	0.0909	2	EPA 8270E	10/25/2024 08:45	10/28/2024 22:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
78-59-1	Isophorone	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	10/25/2024 08:45	10/28/2024 22:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	10/25/2024 08:45	10/28/2024 22:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	10/25/2024 08:45	10/28/2024 22:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	10/25/2024 08:45	10/28/2024 22:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	10/25/2024 08:45	10/28/2024 22:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	10/25/2024 08:45	10/28/2024 22:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0455	0.0909	2	EPA 8270E	10/25/2024 08:45	10/28/2024 22:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**1.21**		mg/kg dry	0.0455	0.0909	2	EPA 8270E	10/25/2024 08:45	10/28/2024 22:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
108-95-2	Phenol	ND		mg/kg dry	0.0455	0.0909	2	EPA 8270E	10/25/2024 08:45	10/28/2024 22:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**2.02**		mg/kg dry	0.0455	0.0909	2	EPA 8270E	10/25/2024 08:45	10/28/2024 22:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*77.7 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*98.4 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*84.1 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*75.4 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*82.9 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*70.2 %*	*24-116*

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		mg/kg dry	0.00180	5	EPA 8081B	10/28/2024 08:39	10/29/2024 16:21	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00180	5	EPA 8081B	10/28/2024 08:39	10/29/2024 16:21	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-23_4 in-6 ft

York Sample ID: 24J1510-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 22, 2024 12:40 pm	10/23/2024

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
50-29-3	**4,4'-DDT**	**0.00182**	P	mg/kg dry	0.00180	5	EPA 8081B	10/28/2024 08:39	10/29/2024 16:21	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
309-00-2	Aldrin	ND		mg/kg dry	0.00180	5	EPA 8081B	10/28/2024 08:39	10/29/2024 16:21	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B	10/28/2024 08:39	10/29/2024 16:21	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00180	5	EPA 8081B	10/28/2024 08:39	10/29/2024 16:21	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B	10/28/2024 08:39	10/29/2024 16:21	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0361	5	EPA 8081B	10/28/2024 08:39	10/29/2024 16:21	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B	10/28/2024 08:39	10/29/2024 16:21	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00180	5	EPA 8081B	10/28/2024 08:39	10/29/2024 16:21	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00180	5	EPA 8081B	10/28/2024 08:39	10/29/2024 16:21	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00180	5	EPA 8081B	10/28/2024 08:39	10/29/2024 16:21	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00180	5	EPA 8081B	10/28/2024 08:39	10/29/2024 16:21	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00180	5	EPA 8081B	10/28/2024 08:39	10/29/2024 16:21	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00180	5	EPA 8081B	10/28/2024 08:39	10/29/2024 16:21	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00180	5	EPA 8081B	10/28/2024 08:39	10/29/2024 16:21	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00180	5	EPA 8081B	10/28/2024 08:39	10/29/2024 16:21	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00180	5	EPA 8081B	10/28/2024 08:39	10/29/2024 16:21	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00180	5	EPA 8081B	10/28/2024 08:39	10/29/2024 16:21	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00180	5	EPA 8081B	10/28/2024 08:39	10/29/2024 16:21	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00180	5	EPA 8081B	10/28/2024 08:39	10/29/2024 16:21	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.180	5	EPA 8081B	10/28/2024 08:39	10/29/2024 16:21	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*71.1 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*87.0 %*	*30-150*

Polychlorinated Biphenyls (PCB)-8082

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB-23_4 in-6 ft **York Sample ID:** 24J1510-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 22, 2024 12:40 pm	10/23/2024

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	0.0182	1	EPA 8082A	10/28/2024 08:39	10/29/2024 18:37	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0182	1	EPA 8082A	10/28/2024 08:39	10/29/2024 18:37	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0182	1	EPA 8082A	10/28/2024 08:39	10/29/2024 18:37	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0182	1	EPA 8082A	10/28/2024 08:39	10/29/2024 18:37	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	**Aroclor 1248**	**0.102**	P	mg/kg dry	0.0182	1	EPA 8082A	10/28/2024 08:39	10/29/2024 18:37	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0182	1	EPA 8082A	10/28/2024 08:39	10/29/2024 18:37	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	**Aroclor 1260**	**0.0258**	P	mg/kg dry	0.0182	1	EPA 8082A	10/28/2024 08:39	10/29/2024 18:37	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04		
1336-36-3	*** Total PCBs**	**0.128**	P	mg/kg dry	0.0182	1	EPA 8082A	10/28/2024 08:39	10/29/2024 18:37	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*67.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*53.5 %*	*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		mg/kg dry	0.0220	1	EPA 8151A	10/26/2024 08:08	10/27/2024 15:26	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0220	1	EPA 8151A	10/26/2024 08:08	10/27/2024 15:26	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0220	1	EPA 8151A	10/26/2024 08:08	10/27/2024 15:26	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*58.0 %*	*21-150*

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**	**7170**		mg/kg dry	4.62	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-36-0	Antimony	ND		mg/kg dry	2.31	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**11.3**		mg/kg dry	1.38	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB-23_4 in-6 ft **York Sample ID:** 24J1510-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 22, 2024 12:40 pm	10/23/2024

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**	**49.5**		mg/kg dry	2.30	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	**Beryllium**	**0.452**		mg/kg dry	0.047	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-43-9	**Cadmium**	**0.369**		mg/kg dry	0.277	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-70-2	**Calcium**	**6190**		mg/kg dry	4.62	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	**Chromium**	**12.5**		mg/kg dry	0.462	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-48-4	**Cobalt**	**4.22**		mg/kg dry	0.369	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**397**		mg/kg dry	1.85	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	**Iron**	**12800**		mg/kg dry	23.1	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**233**		mg/kg dry	0.462	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	**Magnesium**	**1880**		mg/kg dry	4.62	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**288**		mg/kg dry	0.462	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**11.8**		mg/kg dry	0.920	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	**Potassium**	**801**		mg/kg dry	4.62	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	2.31	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	**Silver**	**0.619**		mg/kg dry	0.465	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-23-5	**Sodium**	**110**		mg/kg dry	46.2	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-28-0	Thallium	ND		mg/kg dry	2.31	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**21.1**		mg/kg dry	0.920	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	**Zinc**	**290**		mg/kg dry	2.30	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

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

Sample Information

Client Sample ID: SB-23_4 in-6 ft **York Sample ID:** 24J1510-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 22, 2024 12:40 pm	10/23/2024

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**	**0.366**		mg/kg dry	0.0332	1	EPA 7473	10/26/2024 08:16	10/29/2024 15:35	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.3**		%	0.100	1	SM 2540G	10/24/2024 08:53	10/24/2024 14:08	SMM
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB-19_2 in-16 in **York Sample ID:** 24J1510-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 22, 2024 11:10 am	10/23/2024

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		mg/kg dry	0.0031	0.0063	1	EPA 8260D	10/24/2024 15:42	10/25/2024 18:31	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	10/24/2024 15:42	10/25/2024 18:31	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	10/24/2024 15:42	10/25/2024 18:31	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	10/24/2024 15:42	10/25/2024 18:31	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	10/24/2024 15:42	10/25/2024 18:31	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	10/24/2024 15:42	10/25/2024 18:31	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	10/24/2024 15:42	10/25/2024 18:31	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	10/24/2024 15:42	10/25/2024 18:31	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	10/24/2024 15:42	10/25/2024 18:31	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE, QL-02	mg/kg dry	0.0031	0.0063	1	EPA 8260D	10/24/2024 15:42	10/25/2024 18:31	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB-19_2 in-16 in

York Sample ID: 24J1510-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 22, 2024 11:10 am	10/23/2024

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
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
541-73-1	1,3-Dichlorobenzene	ND	QL-02	mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.063	0.13	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:31 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
78-93-3	2-Butanone	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
591-78-6	2-Hexanone	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
67-64-1	Acetone	ND		mg/kg dry	0.0063	0.013	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
107-02-8	Acrolein	ND	CCVE	mg/kg dry	0.0063	0.013	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
71-43-2	Benzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:31 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
75-25-2	Bromoform	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
74-83-9	Bromomethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB

Sample Information

Client Sample ID: SB-19_2 in-16 in

York Sample ID: 24J1510-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 22, 2024 11:10 am	10/23/2024

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
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:31	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:31	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:31	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:31	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:31	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:31	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	Cyclohexane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:31	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:31	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-95-3	Dibromomethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:31	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:31	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:31	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND	QL-02	mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:31	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:31	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-20-9	Methyl acetate	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:31	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:31	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:31	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-09-2	Methylene chloride	ND		mg/kg dry	0.0063	0.013	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:31	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:31	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:31	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-47-6	o-Xylene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:31	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0063	0.013	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:31	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
99-87-6	p-Isopropyltoluene	ND	CCVE, QL-02	mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:31	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:31	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: SB-19_2 in-16 in

York Sample ID: 24J1510-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 22, 2024 11:10 am	10/23/2024

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
100-42-5	Styrene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 18:31	SCB
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/25/2024 18:31	SCB
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 18:31	SCB
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 18:31	SCB
108-88-3	Toluene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 18:31	SCB
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 18:31	SCB
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 18:31	SCB
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NJDEP-CT005	10/25/2024 18:31	SCB
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 18:31	SCB
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 18:31	SCB
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 18:31	SCB
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0094	0.019	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 18:31	SCB

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.3 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E Certifications:	10/25/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/28/2024 23:26	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0956	0.191	2	EPA 8270E Certifications:	10/25/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/28/2024 23:26	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/28/2024 23:26	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E Certifications:	10/25/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/28/2024 23:26	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E Certifications:	10/25/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/28/2024 23:26	SS

Sample Information

Client Sample ID: SB-19_2 in-16 in

York Sample ID: 24J1510-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 22, 2024 11:10 am	10/23/2024

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		mg/kg dry	0.0479	0.0956	2	EPA 8270E Certifications:	10/25/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/28/2024 23:26	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E Certifications:	10/25/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/28/2024 23:26	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0956	0.191	2	EPA 8270E Certifications:	10/25/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/28/2024 23:26	SS
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 23:26	SS
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 23:26	SS
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 23:26	SS
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0479	0.0956	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 23:26	SS
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0956	0.191	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 23:26	SS
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 23:26	SS
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 23:26	SS
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 23:26	SS
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 23:26	SS
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 23:26	SS
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 23:26	SS
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0956	0.191	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 23:26	SS
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 23:26	SS
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 23:26	SS
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E Certifications:	10/25/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/28/2024 23:26	SS
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0956	0.191	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 23:26	SS
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0956	0.191	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 23:26	SS
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 23:26	SS
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 23:26	SS
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 23:26	SS

Sample Information

Client Sample ID: SB-19_2 in-16 in

York Sample ID: 24J1510-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 22, 2024 11:10 am	10/23/2024

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		mg/kg dry	0.0479	0.0956	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 23:26	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0956	0.191	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 23:26	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0956	0.191	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 23:26	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
83-32-9	Acenaphthene	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 23:26	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
208-96-8	**Acenaphthylene**	**0.130**		mg/kg dry	0.0479	0.0956	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 23:26	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
98-86-2	Acetophenone	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 23:26	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
62-53-3	Aniline	ND		mg/kg dry	0.191	0.383	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 23:26	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
120-12-7	**Anthracene**	**0.130**		mg/kg dry	0.0479	0.0956	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 23:26	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
1912-24-9	Atrazine	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 23:26	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 23:26	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
92-87-5	Benzidine	ND		mg/kg dry	0.191	0.383	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 23:26	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
56-55-3	**Benzo(a)anthracene**	**0.307**		mg/kg dry	0.0479	0.0956	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 23:26	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
50-32-8	**Benzo(a)pyrene**	**0.0757**	J	mg/kg dry	0.0479	0.0956	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 23:26	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
205-99-2	**Benzo(b)fluoranthene**	**0.209**		mg/kg dry	0.0479	0.0956	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 23:26	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
191-24-2	**Benzo(g,h,i)perylene**	**0.104**		mg/kg dry	0.0479	0.0956	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 23:26	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
207-08-9	**Benzo(k)fluoranthene**	**0.205**		mg/kg dry	0.0479	0.0956	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 23:26	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
65-85-0	Benzoic acid	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 23:26	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 23:26	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 23:26	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 23:26	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 23:26	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 23:26	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 23:26	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: SB-19_2 in-16 in

York Sample ID: 24J1510-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 22, 2024 11:10 am	10/23/2024

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		mg/kg dry	0.0956	0.191	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 23:26 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
86-74-8	Carbazole	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 23:26 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
218-01-9	**Chrysene**	**0.308**		mg/kg dry	0.0479	0.0956	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 23:26 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	SS
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 23:26 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 23:26 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 23:26 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 23:26 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 23:26 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 23:26 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
122-39-4	* Diphenylamine	ND		mg/kg dry	0.0956	0.191	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 23:26	SS
206-44-0	**Fluoranthene**	**0.767**		mg/kg dry	0.0479	0.0956	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 23:26 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	SS
86-73-7	Fluorene	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 23:26 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 23:26 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
87-68-3	Hexachlorobutadiene	ND	CCVE	mg/kg dry	0.0479	0.0956	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 23:26 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0479	0.0956	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 23:26 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 23:26 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.124**	CCVE	mg/kg dry	0.0479	0.0956	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 23:26 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	SS
78-59-1	Isophorone	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 23:26 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
91-20-3	Naphthalene	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 23:26 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 23:26 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 23:26 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 23:26 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 23:26 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS

Sample Information

Client Sample ID: SB-19_2 in-16 in

York Sample ID: 24J1510-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 22, 2024 11:10 am	10/23/2024

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	CAL-E	mg/kg dry	0.0479	0.0956	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 23:26 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
85-01-8	**Phenanthrene**	**0.205**		mg/kg dry	0.0479	0.0956	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 23:26 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	SS
108-95-2	Phenol	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 23:26 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
129-00-0	**Pyrene**	**0.555**		mg/kg dry	0.0479	0.0956	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 23:26 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	SS

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*21.2 %*		*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*76.5 %*		*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*81.1 %*		*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*68.3 %*		*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*5.08 %*	S-08	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*69.9 %*		*24-116*

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		mg/kg dry	0.00187	5	EPA 8081B Certifications:	10/28/2024 08:39	10/29/2024 16:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	RJ
72-55-9	**4,4'-DDE**	**0.0107**		mg/kg dry	0.00187	5	EPA 8081B Certifications:	10/28/2024 08:39	10/29/2024 16:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	RJ
50-29-3	**4,4'-DDT**	**0.00289**		mg/kg dry	0.00187	5	EPA 8081B Certifications:	10/28/2024 08:39	10/29/2024 16:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	RJ
309-00-2	Aldrin	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications:	10/28/2024 08:39	10/29/2024 16:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	RJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications:	10/28/2024 08:39	10/29/2024 16:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	RJ
5103-71-9	**alpha-Chlordane**	**0.0131**		mg/kg dry	0.00187	5	EPA 8081B Certifications:	10/28/2024 08:39	10/29/2024 16:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	RJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications:	10/28/2024 08:39	10/29/2024 16:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	RJ
57-74-9	**Chlordane, total**	**0.111**		mg/kg dry	0.0375	5	EPA 8081B Certifications:	10/28/2024 08:39	10/29/2024 16:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	RJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications:	10/28/2024 08:39	10/29/2024 16:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	RJ
60-57-1	**Dieldrin**	**0.00201**		mg/kg dry	0.00187	5	EPA 8081B Certifications:	10/28/2024 08:39	10/29/2024 16:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	RJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications:	10/28/2024 08:39	10/29/2024 16:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	RJ

Sample Information

Client Sample ID: SB-19_2 in-16 in

York Sample ID: 24J1510-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 22, 2024 11:10 am	10/23/2024

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
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00187	5	EPA 8081B	10/28/2024 08:39	10/29/2024 16:38	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00187	5	EPA 8081B	10/28/2024 08:39	10/29/2024 16:38	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00187	5	EPA 8081B	10/28/2024 08:39	10/29/2024 16:38	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00187	5	EPA 8081B	10/28/2024 08:39	10/29/2024 16:38	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00187	5	EPA 8081B	10/28/2024 08:39	10/29/2024 16:38	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00187	5	EPA 8081B	10/28/2024 08:39	10/29/2024 16:38	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	**gamma-Chlordane**	**0.0153**		mg/kg dry	0.00187	5	EPA 8081B	10/28/2024 08:39	10/29/2024 16:38	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
76-44-8	Heptachlor	ND		mg/kg dry	0.00187	5	EPA 8081B	10/28/2024 08:39	10/29/2024 16:38	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide [2C]	ND		mg/kg dry	0.00187	5	EPA 8081B	10/28/2024 08:39	10/29/2024 16:38	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00187	5	EPA 8081B	10/28/2024 08:39	10/29/2024 16:38	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.187	5	EPA 8081B	10/28/2024 08:39	10/29/2024 16:38	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*58.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*88.3 %*	*30-150*

Polychlorinated Biphenyls (PCB)-8082

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	0.0189	1	EPA 8082A	10/28/2024 08:39	10/29/2024 18:50	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0189	1	EPA 8082A	10/28/2024 08:39	10/29/2024 18:50	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0189	1	EPA 8082A	10/28/2024 08:39	10/29/2024 18:50	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0189	1	EPA 8082A	10/28/2024 08:39	10/29/2024 18:50	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0189	1	EPA 8082A	10/28/2024 08:39	10/29/2024 18:50	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0189	1	EPA 8082A	10/28/2024 08:39	10/29/2024 18:50	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0189	1	EPA 8082A	10/28/2024 08:39	10/29/2024 18:50	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-19_2 in-16 in **York Sample ID:** 24J1510-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 22, 2024 11:10 am	10/23/2024

Polychlorinated Biphenyls (PCB)-8082

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
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications:	10/28/2024 08:39	10/29/2024 18:50	NF

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*67.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*46.0 %*	*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		mg/kg dry	0.0229	1	EPA 8151A Certifications:	10/26/2024 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/27/2024 15:33	GXB
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0229	1	EPA 8151A Certifications:	10/26/2024 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/27/2024 15:33	GXB
94-75-7	2,4-D	ND		mg/kg dry	0.0229	1	EPA 8151A Certifications:	10/26/2024 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/27/2024 15:33	GXB

	Surrogate Recoveries	Result		Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*12.6 %*	S-08, S-Alk	*21-150*

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**	**9230**		mg/kg dry	4.79	1	EPA 6010D Certifications:	10/27/2024 10:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/28/2024 15:43	AGNR
7440-36-0	Antimony	ND		mg/kg dry	2.40	1	EPA 6010D Certifications:	10/27/2024 10:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 15:43	AGNR
7440-38-2	**Arsenic**	**3.81**		mg/kg dry	1.44	1	EPA 6010D Certifications:	10/27/2024 10:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/28/2024 15:43	AGNR
7440-39-3	**Barium**	**51.2**		mg/kg dry	2.39	1	EPA 6010D Certifications:	10/27/2024 10:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/28/2024 15:43	AGNR
7440-41-7	**Beryllium**	**0.323**		mg/kg dry	0.048	1	EPA 6010D Certifications:	10/27/2024 10:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/28/2024 15:43	AGNR
7440-43-9	Cadmium	ND		mg/kg dry	0.288	1	EPA 6010D Certifications:	10/27/2024 10:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 15:43	AGNR
7440-70-2	**Calcium**	**74600**		mg/kg dry	4.79	1	EPA 6010D Certifications:	10/27/2024 10:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/28/2024 15:43	AGNR
7440-47-3	**Chromium**	**16.4**		mg/kg dry	0.480	1	EPA 6010D Certifications:	10/27/2024 10:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/28/2024 15:43	AGNR
7440-48-4	**Cobalt**	**5.95**		mg/kg dry	0.383	1	EPA 6010D Certifications:	10/27/2024 10:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/28/2024 15:43	AGNR

Sample Information

Client Sample ID: SB-19_2 in-16 in

York Sample ID: 24J1510-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 22, 2024 11:10 am	10/23/2024

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
7440-50-8	**Copper**	**31.8**		mg/kg dry	1.92	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	**Iron**	**12700**		mg/kg dry	24.0	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**26.3**		mg/kg dry	0.480	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	**Magnesium**	**21000**		mg/kg dry	4.80	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**209**		mg/kg dry	0.480	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**19.8**		mg/kg dry	0.955	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	**Potassium**	**1070**		mg/kg dry	4.80	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	2.40	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.483	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**350**		mg/kg dry	47.9	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-28-0	Thallium	ND		mg/kg dry	2.40	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**26.7**		mg/kg dry	0.955	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	**Zinc**	**44.1**		mg/kg dry	2.39	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0459**		mg/kg dry	0.0345	1	EPA 7473	10/26/2024 08:16	10/29/2024 15:35	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**86.9**		%	0.100	1	SM 2540G	10/24/2024 08:53	10/24/2024 14:08	SMM
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB-15_3 ft **York Sample ID:** 24J1510-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 22, 2024 9:45 am	10/23/2024

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		mg/kg dry	0.0025	0.0049	1	EPA 8260D	10/24/2024 15:42	10/25/2024 18:59	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	10/24/2024 15:42	10/25/2024 18:59	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	10/24/2024 15:42	10/25/2024 18:59	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	10/24/2024 15:42	10/25/2024 18:59	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	10/24/2024 15:42	10/25/2024 18:59	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	10/24/2024 15:42	10/25/2024 18:59	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	10/24/2024 15:42	10/25/2024 18:59	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	10/24/2024 15:42	10/25/2024 18:59	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	10/24/2024 15:42	10/25/2024 18:59	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND	QL-02, CCVE	mg/kg dry	0.0025	0.0049	1	EPA 8260D	10/24/2024 15:42	10/25/2024 18:59	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	10/24/2024 15:42	10/25/2024 18:59	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	10/24/2024 15:42	10/25/2024 18:59	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	10/24/2024 15:42	10/25/2024 18:59	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	10/24/2024 15:42	10/25/2024 18:59	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	10/24/2024 15:42	10/25/2024 18:59	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	10/24/2024 15:42	10/25/2024 18:59	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	10/24/2024 15:42	10/25/2024 18:59	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND	QL-02	mg/kg dry	0.0025	0.0049	1	EPA 8260D	10/24/2024 15:42	10/25/2024 18:59	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	10/24/2024 15:42	10/25/2024 18:59	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.049	0.099	1	EPA 8260D	10/24/2024 15:42	10/25/2024 18:59	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	10/24/2024 15:42	10/25/2024 18:59	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	10/24/2024 15:42	10/25/2024 18:59	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	10/24/2024 15:42	10/25/2024 18:59	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB-15_3 ft

York Sample ID: 24J1510-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 22, 2024 9:45 am	10/23/2024

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		mg/kg dry	0.0049	0.0099	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
107-02-8	Acrolein	ND	CCVE	mg/kg dry	0.0049	0.0099	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:59 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
74-83-9	Bromomethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
75-00-3	Chloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
74-87-3	Chloromethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
110-82-7	Cyclohexane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:59 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:59 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
74-95-3	Dibromomethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:59 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:59 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
87-68-3	Hexachlorobutadiene	ND	QL-02	mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:59 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	10/24/2024 15:42	10/25/2024 18:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB

Sample Information

Client Sample ID: SB-15_3 ft

York Sample ID: 24J1510-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 22, 2024 9:45 am	10/23/2024

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		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	10/24/2024 15:42 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/25/2024 18:59	SCB
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 18:59	SCB
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	10/24/2024 15:42 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/25/2024 18:59	SCB
75-09-2	Methylene chloride	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 18:59	SCB
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 18:59	SCB
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 18:59	SCB
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 18:59	SCB
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0049	0.0099	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 18:59	SCB
99-87-6	p-Isopropyltoluene	ND	CCVE, QL-02	mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 18:59	SCB
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 18:59	SCB
100-42-5	Styrene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 18:59	SCB
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	10/24/2024 15:42 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/25/2024 18:59	SCB
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 18:59	SCB
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 18:59	SCB
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 18:59	SCB
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 18:59	SCB
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 18:59	SCB
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NJDEP-CT005	10/25/2024 18:59	SCB
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 18:59	SCB
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 18:59	SCB
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 18:59	SCB
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0074	0.015	1	EPA 8260D Certifications:	10/24/2024 15:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/25/2024 18:59	SCB

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*98.9 %*	*77-125*

Sample Information

Client Sample ID: SB-15_3 ft

York Sample ID: 24J1510-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 22, 2024 9:45 am	10/23/2024

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
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.6 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*			*76-130*						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E Certifications:	10/25/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/28/2024 23:57	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0846	0.169	2	EPA 8270E Certifications:	10/25/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/28/2024 23:57	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 23:57	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E Certifications:	10/25/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/28/2024 23:57	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E Certifications:	10/25/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/28/2024 23:57	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E Certifications:	10/25/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/28/2024 23:57	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E Certifications:	10/25/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/28/2024 23:57	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0846	0.169	2	EPA 8270E Certifications:	10/25/2024 08:45 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/28/2024 23:57	SS
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 23:57	SS
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 23:57	SS
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 23:57	SS
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0424	0.0846	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 23:57	SS
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0846	0.169	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 23:57	SS
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 23:57	SS
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 23:57	SS
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 23:57	SS
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 23:57	SS
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 23:57	SS
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E Certifications:	10/25/2024 08:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/28/2024 23:57	SS

Sample Information

Client Sample ID: SB-15_3 ft

York Sample ID: 24J1510-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 22, 2024 9:45 am	10/23/2024

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
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0846	0.169	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 23:57	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 23:57	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 23:57	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 23:57	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0846	0.169	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 23:57	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0846	0.169	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 23:57	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 23:57	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 23:57	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 23:57	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 23:57	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0846	0.169	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 23:57	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0846	0.169	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 23:57	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
83-32-9	Acenaphthene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 23:57	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
208-96-8	**Acenaphthylene**	**0.306**		mg/kg dry	0.0424	0.0846	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 23:57	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
98-86-2	Acetophenone	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 23:57	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
62-53-3	Aniline	ND		mg/kg dry	0.169	0.339	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 23:57	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
120-12-7	**Anthracene**	**0.105**		mg/kg dry	0.0424	0.0846	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 23:57	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
1912-24-9	Atrazine	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 23:57	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-52-7	**Benzaldehyde**	**0.0446**	J	mg/kg dry	0.0424	0.0846	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 23:57	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
92-87-5	Benzidine	ND		mg/kg dry	0.169	0.339	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 23:57	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
56-55-3	**Benzo(a)anthracene**	**0.319**		mg/kg dry	0.0424	0.0846	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 23:57	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
50-32-8	**Benzo(a)pyrene**	**0.0771**	J	mg/kg dry	0.0424	0.0846	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 23:57	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
205-99-2	**Benzo(b)fluoranthene**	**0.335**		mg/kg dry	0.0424	0.0846	2	EPA 8270E Certifications:	10/25/2024 08:45	10/28/2024 23:57	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04

Sample Information

Client Sample ID: SB-15_3 ft

York Sample ID: 24J1510-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 22, 2024 9:45 am	10/23/2024

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
191-24-2	**Benzo(g,h,i)perylene**	**0.168**		mg/kg dry	0.0424	0.0846	2	EPA 8270E	10/25/2024 08:45	10/28/2024 23:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
207-08-9	**Benzo(k)fluoranthene**	**0.284**		mg/kg dry	0.0424	0.0846	2	EPA 8270E	10/25/2024 08:45	10/28/2024 23:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E	10/25/2024 08:45	10/28/2024 23:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E	10/25/2024 08:45	10/28/2024 23:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E	10/25/2024 08:45	10/28/2024 23:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E	10/25/2024 08:45	10/28/2024 23:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E	10/25/2024 08:45	10/28/2024 23:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E	10/25/2024 08:45	10/28/2024 23:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E	10/25/2024 08:45	10/28/2024 23:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0846	0.169	2	EPA 8270E	10/25/2024 08:45	10/28/2024 23:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E	10/25/2024 08:45	10/28/2024 23:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.336**		mg/kg dry	0.0424	0.0846	2	EPA 8270E	10/25/2024 08:45	10/28/2024 23:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
53-70-3	**Dibenzo(a,h)anthracene**	**0.0582**	J	mg/kg dry	0.0424	0.0846	2	EPA 8270E	10/25/2024 08:45	10/28/2024 23:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E	10/25/2024 08:45	10/28/2024 23:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E	10/25/2024 08:45	10/28/2024 23:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E	10/25/2024 08:45	10/28/2024 23:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E	10/25/2024 08:45	10/28/2024 23:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E	10/25/2024 08:45	10/28/2024 23:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.0846	0.169	2	EPA 8270E	10/25/2024 08:45	10/28/2024 23:57	SS
								Certifications:			
206-44-0	**Fluoranthene**	**0.695**		mg/kg dry	0.0424	0.0846	2	EPA 8270E	10/25/2024 08:45	10/28/2024 23:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
86-73-7	Fluorene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E	10/25/2024 08:45	10/28/2024 23:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E	10/25/2024 08:45	10/28/2024 23:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND	CCVE	mg/kg dry	0.0424	0.0846	2	EPA 8270E	10/25/2024 08:45	10/28/2024 23:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-15_3 ft **York Sample ID:** 24J1510-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 22, 2024 9:45 am	10/23/2024

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
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0424	0.0846	2	EPA 8270E	10/25/2024 08:45	10/28/2024 23:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E	10/25/2024 08:45	10/28/2024 23:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.187**	CCVE	mg/kg dry	0.0424	0.0846	2	EPA 8270E	10/25/2024 08:45	10/28/2024 23:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
78-59-1	Isophorone	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E	10/25/2024 08:45	10/28/2024 23:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E	10/25/2024 08:45	10/28/2024 23:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E	10/25/2024 08:45	10/28/2024 23:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E	10/25/2024 08:45	10/28/2024 23:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E	10/25/2024 08:45	10/28/2024 23:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E	10/25/2024 08:45	10/28/2024 23:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0424	0.0846	2	EPA 8270E	10/25/2024 08:45	10/28/2024 23:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.176**		mg/kg dry	0.0424	0.0846	2	EPA 8270E	10/25/2024 08:45	10/28/2024 23:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
108-95-2	Phenol	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270E	10/25/2024 08:45	10/28/2024 23:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.488**		mg/kg dry	0.0424	0.0846	2	EPA 8270E	10/25/2024 08:45	10/28/2024 23:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*74.4 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*103 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*70.6 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*68.2 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*79.7 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*82.7 %*	*24-116*

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		mg/kg dry	0.00168	5	EPA 8081B	10/28/2024 08:39	10/29/2024 16:55	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00168	5	EPA 8081B	10/28/2024 08:39	10/29/2024 16:55	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB-15_3 ft **York Sample ID:** 24J1510-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 22, 2024 9:45 am	10/23/2024

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
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00168	5	EPA 8081B	10/28/2024 08:39	10/29/2024 16:55	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00168	5	EPA 8081B	10/28/2024 08:39	10/29/2024 16:55	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00168	5	EPA 8081B	10/28/2024 08:39	10/29/2024 16:55	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00168	5	EPA 8081B	10/28/2024 08:39	10/29/2024 16:55	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00168	5	EPA 8081B	10/28/2024 08:39	10/29/2024 16:55	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0336	5	EPA 8081B	10/28/2024 08:39	10/29/2024 16:55	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00168	5	EPA 8081B	10/28/2024 08:39	10/29/2024 16:55	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00168	5	EPA 8081B	10/28/2024 08:39	10/29/2024 16:55	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00168	5	EPA 8081B	10/28/2024 08:39	10/29/2024 16:55	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00168	5	EPA 8081B	10/28/2024 08:39	10/29/2024 16:55	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00168	5	EPA 8081B	10/28/2024 08:39	10/29/2024 16:55	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00168	5	EPA 8081B	10/28/2024 08:39	10/29/2024 16:55	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00168	5	EPA 8081B	10/28/2024 08:39	10/29/2024 16:55	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00168	5	EPA 8081B	10/28/2024 08:39	10/29/2024 16:55	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00168	5	EPA 8081B	10/28/2024 08:39	10/29/2024 16:55	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00168	5	EPA 8081B	10/28/2024 08:39	10/29/2024 16:55	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00168	5	EPA 8081B	10/28/2024 08:39	10/29/2024 16:55	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00168	5	EPA 8081B	10/28/2024 08:39	10/29/2024 16:55	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00168	5	EPA 8081B	10/28/2024 08:39	10/29/2024 16:55	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.168	5	EPA 8081B	10/28/2024 08:39	10/29/2024 16:55	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*63.1 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*86.1 %*	*30-150*

Polychlorinated Biphenyls (PCB)-8082

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB-15_3 ft **York Sample ID:** 24J1510-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 22, 2024 9:45 am	10/23/2024

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	0.0170	1	EPA 8082A	10/28/2024 08:39	10/29/2024 19:04	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0170	1	EPA 8082A	10/28/2024 08:39	10/29/2024 19:04	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0170	1	EPA 8082A	10/28/2024 08:39	10/29/2024 19:04	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0170	1	EPA 8082A	10/28/2024 08:39	10/29/2024 19:04	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0170	1	EPA 8082A	10/28/2024 08:39	10/29/2024 19:04	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0170	1	EPA 8082A	10/28/2024 08:39	10/29/2024 19:04	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0170	1	EPA 8082A	10/28/2024 08:39	10/29/2024 19:04	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0170	1	EPA 8082A	10/28/2024 08:39	10/29/2024 19:04	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*71.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*52.0 %*	*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		mg/kg dry	0.0205	1	EPA 8151A	10/26/2024 08:08	10/27/2024 15:40	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0205	1	EPA 8151A	10/26/2024 08:08	10/27/2024 15:40	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0205	1	EPA 8151A	10/26/2024 08:08	10/27/2024 15:40	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*43.8 %*	*21-150*

Copper, TCLP by EPA 6010

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
7440-50-8	**Copper**	**67.8**		mg/L	0.500	1	EPA 6010D/1311	11/07/2024 08:29	11/08/2024 11:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Lead TCLP by EPA 6010

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

Sample Information

Client Sample ID: SB-15_3 ft

York Sample ID: 24J1510-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 22, 2024 9:45 am	10/23/2024

Lead TCLP by EPA 6010

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**	**19.3**		mg/L	0.125	1	EPA 6010D/1311	11/07/2024 08:29	11/08/2024 11:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

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**	**32100**		mg/kg dry	4.30	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:44	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-36-0	**Antimony**	**14.6**		mg/kg dry	2.15	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:44	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-38-2	**Arsenic**	**5.78**		mg/kg dry	1.29	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:44	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**784**		mg/kg dry	2.15	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:44	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	**Beryllium**	**27.1**		mg/kg dry	0.043	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:44	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-43-9	Cadmium	ND		mg/kg dry	0.258	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:44	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-70-2	**Calcium**	**36900**		mg/kg dry	4.30	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:44	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	**Chromium**	**161**		mg/kg dry	0.430	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:44	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-48-4	**Cobalt**	**99.3**		mg/kg dry	0.343	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:44	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**29700**		mg/kg dry	86.0	50	EPA 6010D	10/27/2024 10:19	10/29/2024 11:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	**Iron**	**224000**		mg/kg dry	1070	50	EPA 6010D	10/27/2024 10:19	10/29/2024 11:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**6480**		mg/kg dry	0.430	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:44	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	**Magnesium**	**5340**		mg/kg dry	4.30	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:44	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**2110**		mg/kg dry	0.430	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:44	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**487**		mg/kg dry	0.856	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:44	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	**Potassium**	**1960**		mg/kg dry	4.30	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:44	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	**Selenium**	**4.30**		mg/kg dry	2.15	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:44	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-22-4	**Silver**	**2.74**		mg/kg dry	0.433	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:44	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB-15_3 ft **York Sample ID:** 24J1510-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	October 22, 2024 9:45 am	10/23/2024

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
7440-23-5	**Sodium**	**21200**		mg/kg dry	43.0	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:44	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-28-0	Thallium	ND		mg/kg dry	2.15	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:44	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**46.3**		mg/kg dry	0.856	1	EPA 6010D	10/27/2024 10:19	10/28/2024 15:44	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	**Zinc**	**71600**		mg/kg dry	107	50	EPA 6010D	10/27/2024 10:19	10/29/2024 11:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Zinc, TCLP by EPA 6010

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
7440-66-6	**Zinc**	**24.5**		mg/L	0.625	1	EPA 6010D/1311	11/07/2024 08:29	11/08/2024 11:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.146**		mg/kg dry	0.0309	1	EPA 7473	10/26/2024 08:16	10/29/2024 15:35	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04		

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**97.0**		%	0.100	1	SM 2540G	10/24/2024 08:53	10/24/2024 14:08	SMM
							Certifications:	CTDOH-PH-0723		

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	11/01/2024 14:55	11/02/2024 16:01	MJD
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: **Equipment Blank** **York Sample ID:** **24J1510-18**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Water	October 22, 2024 6:15 pm	10/23/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 18:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 18:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 18:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 18:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 18:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
75-34-3	1,1-Dichloroethane	ND	CCVE, QL-02	ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 18:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 18:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 18:35 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	FO
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 18:35 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	FO
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 18:35 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	FO
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 18:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 18:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 18:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 18:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
107-06-2	1,2-Dichloroethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 18:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 18:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 18:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 18:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 18:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 18:35 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	FO
78-93-3	2-Butanone	ND	ICVE, QL-02, CCVE	ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 18:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
591-78-6	2-Hexanone	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 18:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO

Sample Information

Client Sample ID: **Equipment Blank** **York Sample ID:** **24J1510-18**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Water	October 22, 2024 6:15 pm	10/23/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 18:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
67-64-1	**Acetone**	**2.4**	CAL-E, CCVE, ICVE	ug/L	1.0	2.0	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 18:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
107-02-8	Acrolein	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 18:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 18:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
71-43-2	Benzene	ND	CCVE, QL-02	ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 18:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 18:35 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	FO
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 18:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 18:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
74-83-9	Bromomethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 18:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 18:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 18:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 18:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
75-00-3	Chloroethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 18:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
67-66-3	Chloroform	ND	QL-02, CCVE	ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 18:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
74-87-3	Chloromethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 18:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
156-59-2	cis-1,2-Dichloroethylene	ND	QL-02	ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 18:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 18:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 18:35 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	FO
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 18:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 18:35 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	FO
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 18:35 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	FO
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 18:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00	10/24/2024 18:35 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	FO

Sample Information

Client Sample ID: **Equipment Blank** **York Sample ID:** **24J1510-18**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Water	October 22, 2024 6:15 pm	10/23/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/24/2024 18:35	FO
79-20-9	Methyl acetate	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/24/2024 18:35	FO
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/24/2024 18:35	FO
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/24/2024 18:35	FO
75-09-2	Methylene chloride	ND	CCVE	ug/L	1.0	2.0	1	EPA 8260D Certifications:	10/24/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/24/2024 18:35	FO
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/24/2024 18:35	FO
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/24/2024 18:35	FO
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	10/24/2024 18:35	FO
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260D Certifications:	10/24/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	10/24/2024 18:35	FO
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/24/2024 18:35	FO
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/24/2024 18:35	FO
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/24/2024 18:35	FO
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE	ug/L	0.50	1.0	1	EPA 8260D Certifications:	10/24/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/24/2024 18:35	FO
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/24/2024 18:35	FO
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/24/2024 18:35	FO
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/24/2024 18:35	FO
156-60-5	trans-1,2-Dichloroethylene	ND	QL-02	ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/24/2024 18:35	FO
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/24/2024 18:35	FO
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/24/2024 18:35	FO
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/24/2024 18:35	FO
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/24/2024 18:35	FO
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D Certifications:	10/24/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/24/2024 18:35	FO
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260D Certifications:	10/24/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/24/2024 18:35	FO

Sample Information

Client Sample ID: **Equipment Blank** **York Sample ID:** **24J1510-18**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Water	October 22, 2024 6:15 pm	10/23/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**			**Acceptance Range**						
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*92.1 %*			*69-130*						
2037-26-5	*Surrogate: SURR: Toluene-d8*	*118 %*	S-08		*81-117*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*110 %*			*79-122*						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	10/24/2024 08:54 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/25/2024 16:51	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	10/24/2024 08:54 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/25/2024 16:51	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	10/24/2024 08:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/25/2024 16:51	SS
95-50-1	1,2-Dichlorobenzene	ND	QL-02	ug/L	2.50	5.00	1	EPA 8270E Certifications:	10/24/2024 08:54 NELAC-NY10854,PADEP-68-04440	10/25/2024 16:51	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	10/24/2024 08:54 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/25/2024 16:51	SS
541-73-1	1,3-Dichlorobenzene	ND	QL-02	ug/L	2.50	5.00	1	EPA 8270E Certifications:	10/24/2024 08:54 NELAC-NY10854,PADEP-68-04440	10/25/2024 16:51	SS
106-46-7	1,4-Dichlorobenzene	ND	QL-02	ug/L	2.50	5.00	1	EPA 8270E Certifications:	10/24/2024 08:54 NELAC-NY10854,PADEP-68-04440	10/25/2024 16:51	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270E Certifications:	10/24/2024 08:54 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/25/2024 16:51	SS
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	10/24/2024 08:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/25/2024 16:51	SS
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	10/24/2024 08:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/25/2024 16:51	SS
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	10/24/2024 08:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/25/2024 16:51	SS
105-67-9	2,4-Dimethylphenol	ND	CCVE, ICVE	ug/L	2.50	5.00	1	EPA 8270E Certifications:	10/24/2024 08:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/25/2024 16:51	SS
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270E Certifications:	10/24/2024 08:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/25/2024 16:51	SS
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270E Certifications:	10/24/2024 08:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/25/2024 16:51	SS
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	10/24/2024 08:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/25/2024 16:51	SS
91-58-7	2-Chloronaphthalene	ND	QL-02	ug/L	2.50	5.00	1	EPA 8270E Certifications:	10/24/2024 08:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/25/2024 16:51	SS
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	10/24/2024 08:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/25/2024 16:51	SS

Sample Information

Client Sample ID: Equipment Blank

York Sample ID: 24J1510-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Water	October 22, 2024 6:15 pm	10/23/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	10/24/2024 08:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/25/2024 16:51	SS
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	10/24/2024 08:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/25/2024 16:51	SS
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	10/24/2024 08:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/25/2024 16:51	SS
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	10/24/2024 08:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/25/2024 16:51	SS
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	10/24/2024 08:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/25/2024 16:51	SS
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	10/24/2024 08:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/25/2024 16:51	SS
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	10/24/2024 08:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/25/2024 16:51	SS
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270E Certifications:	10/24/2024 08:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/25/2024 16:51	SS
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	10/24/2024 08:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/25/2024 16:51	SS
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	10/24/2024 08:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/25/2024 16:51	SS
106-47-8	4-Chloroaniline	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270E Certifications:	10/24/2024 08:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/25/2024 16:51	SS
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	10/24/2024 08:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/25/2024 16:51	SS
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	10/24/2024 08:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/25/2024 16:51	SS
100-02-7	4-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	10/24/2024 08:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/25/2024 16:51	SS
83-32-9	Acenaphthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	10/24/2024 08:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/25/2024 16:51	SS
208-96-8	Acenaphthylene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	10/24/2024 08:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/25/2024 16:51	SS
98-86-2	Acetophenone	ND	QL-02	ug/L	2.50	5.00	1	EPA 8270E Certifications:	10/24/2024 08:54 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/25/2024 16:51	SS
62-53-3	Aniline	ND	ICVE	ug/L	2.50	5.00	1	EPA 8270E Certifications:	10/24/2024 08:54 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/25/2024 16:51	SS
120-12-7	Anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	10/24/2024 08:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/25/2024 16:51	SS
1912-24-9	Atrazine	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications:	10/24/2024 08:54 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/25/2024 16:51	SS
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	10/24/2024 08:54 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/25/2024 16:51	SS
92-87-5	Benzidine	ND	CCVE	ug/L	10.0	20.0	1	EPA 8270E Certifications:	10/24/2024 08:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/25/2024 16:51	SS
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	10/24/2024 08:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/25/2024 16:51	SS

Sample Information

Client Sample ID: **Equipment Blank** **York Sample ID:** **24J1510-18**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Water	October 22, 2024 6:15 pm	10/23/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	10/24/2024 08:54	10/25/2024 16:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	10/24/2024 08:54	10/25/2024 16:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	10/24/2024 08:54	10/25/2024 16:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	10/24/2024 08:54	10/25/2024 16:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
65-85-0	Benzoic acid	ND	CAL-E	ug/L	25.0	50.0	1	EPA 8270E Certifications:	10/24/2024 08:54	10/25/2024 16:51 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
100-51-6	Benzyl alcohol	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270E Certifications:	10/24/2024 08:54	10/25/2024 16:51 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
85-68-7	Benzyl butyl phthalate	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270E Certifications:	10/24/2024 08:54	10/25/2024 16:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	10/24/2024 08:54	10/25/2024 16:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	10/24/2024 08:54	10/25/2024 16:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	10/24/2024 08:54	10/25/2024 16:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
117-81-7	Bis(2-ethylhexyl)phthalate	ND	CCVE	ug/L	0.500	0.500	1	EPA 8270E Certifications:	10/24/2024 08:54	10/25/2024 16:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	10/24/2024 08:54	10/25/2024 16:51 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
86-74-8	Carbazole	ND	QL-02	ug/L	2.50	5.00	1	EPA 8270E Certifications:	10/24/2024 08:54	10/25/2024 16:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
218-01-9	Chrysene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	10/24/2024 08:54	10/25/2024 16:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	10/24/2024 08:54	10/25/2024 16:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	10/24/2024 08:54	10/25/2024 16:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	10/24/2024 08:54	10/25/2024 16:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	10/24/2024 08:54	10/25/2024 16:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	10/24/2024 08:54	10/25/2024 16:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
117-84-0	Di-n-octyl phthalate	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270E Certifications:	10/24/2024 08:54	10/25/2024 16:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
122-39-4	* Diphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	10/24/2024 08:54	10/25/2024 16:51	SS
206-44-0	Fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	10/24/2024 08:54	10/25/2024 16:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
86-73-7	Fluorene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	10/24/2024 08:54	10/25/2024 16:51 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS

Sample Information

Client Sample ID: Equipment Blank

York Sample ID: 24J1510-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Water	October 22, 2024 6:15 pm	10/23/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-74-1	Hexachlorobenzene	ND	CCVE	ug/L	0.0200	0.0200	1	EPA 8270E	10/24/2024 08:54	10/25/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	0.500	1	EPA 8270E	10/24/2024 08:54	10/25/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	ug/L	2.50	5.00	1	EPA 8270E	10/24/2024 08:54	10/25/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		ug/L	0.500	0.500	1	EPA 8270E	10/24/2024 08:54	10/25/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E	10/24/2024 08:54	10/25/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270E	10/24/2024 08:54	10/25/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND	CCVE	ug/L	0.0500	0.0500	1	EPA 8270E	10/24/2024 08:54	10/25/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		ug/L	0.250	0.250	1	EPA 8270E	10/24/2024 08:54	10/25/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	0.500	1	EPA 8270E	10/24/2024 08:54	10/25/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270E	10/24/2024 08:54	10/25/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270E	10/24/2024 08:54	10/25/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		ug/L	0.250	0.250	1	EPA 8270E	10/24/2024 08:54	10/25/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E	10/24/2024 08:54	10/25/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		ug/L	2.50	5.00	1	EPA 8270E	10/24/2024 08:54	10/25/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND	QL-02	ug/L	0.0500	0.0500	1	EPA 8270E	10/24/2024 08:54	10/25/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*24.3 %*		*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*4.16 %*	S-08	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*63.2 %*		*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*50.4 %*		*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*109 %*		*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*70.4 %*		*30.7-106*

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	1	EPA 8081B	10/24/2024 08:21	10/24/2024 13:09	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: **Equipment Blank** **York Sample ID:** **24J1510-18**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Water	October 22, 2024 6:15 pm	10/23/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B Certifications:	10/24/2024 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/24/2024 13:09	scb
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B Certifications:	10/24/2024 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/24/2024 13:09	scb
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B Certifications:	10/24/2024 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/24/2024 13:09	scb
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications:	10/24/2024 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/24/2024 13:09	scb
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B Certifications:	10/24/2024 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/24/2024 13:09	scb
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications:	10/24/2024 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/24/2024 13:09	scb
57-74-9	Chlordane, total	ND		ug/L	0.0200	1	EPA 8081B Certifications:	10/24/2024 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/24/2024 13:09	scb
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications:	10/24/2024 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/24/2024 13:09	scb
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B Certifications:	10/24/2024 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/24/2024 13:09	scb
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B Certifications:	10/24/2024 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/24/2024 13:09	scb
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B Certifications:	10/24/2024 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/24/2024 13:09	scb
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B Certifications:	10/24/2024 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/24/2024 13:09	scb
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B Certifications:	10/24/2024 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/24/2024 13:09	scb
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B Certifications:	10/24/2024 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/24/2024 13:09	scb
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B Certifications:	10/24/2024 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/24/2024 13:09	scb
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B Certifications:	10/24/2024 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/24/2024 13:09	scb
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B Certifications:	10/24/2024 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/24/2024 13:09	scb
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B Certifications:	10/24/2024 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/24/2024 13:09	scb
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B Certifications:	10/24/2024 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/24/2024 13:09	scb
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B Certifications:	10/24/2024 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/24/2024 13:09	scb
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B Certifications:	10/24/2024 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/24/2024 13:09	scb

	Surrogate Recoveries	Result		Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*25.7 %*	S-08, S-GC	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*50.4 %*		*30-150*

Sample Information

Client Sample ID: **Equipment Blank** **York Sample ID:** **24J1510-18**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Water	October 22, 2024 6:15 pm	10/23/2024

Polychlorinated Biphenyls (PCB)-8082

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	1	EPA 8082A	10/24/2024 08:21	10/24/2024 19:10	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A	10/24/2024 08:21	10/24/2024 19:10	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A	10/24/2024 08:21	10/24/2024 19:10	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A	10/24/2024 08:21	10/24/2024 19:10	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A	10/24/2024 08:21	10/24/2024 19:10	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A	10/24/2024 08:21	10/24/2024 19:10	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A	10/24/2024 08:21	10/24/2024 19:10	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A	10/24/2024 08:21	10/24/2024 19:10	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*63.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*31.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**0.227**		mg/L	0.056	1	EPA 6010D	10/28/2024 08:06	10/29/2024 12:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-36-0	Antimony	ND		mg/L	0.028	1	EPA 6010D	10/28/2024 08:06	10/29/2024 12:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		mg/L	0.017	1	EPA 6010D	10/28/2024 08:06	10/29/2024 12:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**0.052**		mg/L	0.028	1	EPA 6010D	10/28/2024 08:06	10/29/2024 12:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	Beryllium	ND		mg/L	0.0006	1	EPA 6010D	10/28/2024 08:06	10/29/2024 12:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010D	10/28/2024 08:06	10/29/2024 12:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**18.7**		mg/L	0.056	1	EPA 6010D	10/28/2024 08:06	10/29/2024 12:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	Chromium	ND		mg/L	0.006	1	EPA 6010D	10/28/2024 08:06	10/29/2024 12:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	Cobalt	ND		mg/L	0.004	1	EPA 6010D	10/28/2024 08:06	10/29/2024 12:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	Copper	ND		mg/L	0.022	1	EPA 6010D	10/28/2024 08:06	10/29/2024 12:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: **Equipment Blank** **York Sample ID:** **24J1510-18**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1510	236 Richmond Valley Rd Staten Island A22-115 JB	Water	October 22, 2024 6:15 pm	10/23/2024

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	10/28/2024 08:06	10/29/2024 12:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	Lead	ND		mg/L	0.006	1	EPA 6010D	10/28/2024 08:06	10/29/2024 12:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**4.79**		mg/L	0.056	1	EPA 6010D	10/28/2024 08:06	10/29/2024 12:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**1.05**		mg/L	0.006	1	EPA 6010D	10/28/2024 08:06	10/29/2024 12:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	Nickel	ND		mg/L	0.011	1	EPA 6010D	10/28/2024 08:06	10/29/2024 12:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**1.76**		mg/L	0.056	1	EPA 6010D	10/28/2024 08:06	10/29/2024 12:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	* Selenium	ND		mg/L	0.028	1	EPA 6010D	10/28/2024 08:06	10/29/2024 12:03	AGNR
							Certifications:	CTDOH-PH-0723		
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010D	10/28/2024 08:06	10/29/2024 12:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**33.0**		mg/L	0.556	1	EPA 6010D	10/28/2024 08:06	10/29/2024 12:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-28-0	Thallium	ND		mg/L	0.028	1	EPA 6010D	10/28/2024 08:06	10/29/2024 12:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	Vanadium	ND		mg/L	0.011	1	EPA 6010D	10/28/2024 08:06	10/29/2024 12:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**0.044**		mg/L	0.028	1	EPA 6010D	10/28/2024 08:06	10/29/2024 12:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	10/28/2024 08:48	10/28/2024 08:48	PFA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Analytical Batch Summary

Batch ID: BJ41621 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** SAC2

YORK Sample ID	Client Sample ID	Preparation Date
24J1510-18	Equipment Blank	10/24/24
24J1510-18	Equipment Blank	10/24/24
BJ41621-BLK1	Blank	10/24/24
BJ41621-BLK2	Blank	10/24/24
BJ41621-BS1	LCS	10/24/24
BJ41621-BS2	LCS	10/24/24
BJ41621-BSD1	LCS Dup	10/24/24
BJ41621-BSD2	LCS Dup	10/24/24

Batch ID: BJ41637 **Preparation Method:** % Solids Prep **Prepared By:** SMM

YORK Sample ID	Client Sample ID	Preparation Date
24J1510-01	SB-1_6 in_Top Soil	10/24/24
24J1510-02	SB-4_2 in_Mulch	10/24/24
24J1510-03	Paige Avenue Composite Top S	10/24/24
24J1510-04	Paige Avenue Composite Mulcl	10/24/24
24J1510-05	SB-5_0 in-12 in	10/24/24
24J1510-06	SB-6_0 in-12 in	10/24/24
24J1510-07	SB-7_0 in-12 in	10/24/24

Batch ID: BJ41638 **Preparation Method:** % Solids Prep **Prepared By:** SMM

YORK Sample ID	Client Sample ID	Preparation Date
24J1510-09	Richmond Composite Mulch	10/24/24
24J1510-10	Richmond Composite Top Soil	10/24/24
24J1510-11	SB-14_4 in_Top Soil	10/24/24
24J1510-12	SB-17_2 in_Mulch	10/24/24
24J1510-13	SB-18_4 in-5.5 ft	10/24/24
24J1510-14	SB-21_6 in-5.5 ft	10/24/24
24J1510-15	SB-23_4 in-6 ft	10/24/24
24J1510-16	SB-19_2 in-16 in	10/24/24
24J1510-17	SB-15_3 ft	10/24/24
BJ41638-DUP1	Duplicate	10/24/24

Batch ID: BJ41639 **Preparation Method:** EPA 3510C **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
24J1510-18	Equipment Blank	10/24/24
BJ41639-BLK1	Blank	10/24/24
BJ41639-BS1	LCS	10/24/24
BJ41639-BSD1	LCS Dup	10/24/24

Batch ID: BJ41648 **Preparation Method:** EPA 5030B **Prepared By:** FO

YORK Sample ID	Client Sample ID	Preparation Date
24J1510-08	Trip Blank	10/24/24
24J1510-18	Equipment Blank	10/24/24
BJ41648-BLK1	Blank	10/24/24
BJ41648-BS1	LCS	10/24/24

Batch ID: BJ41686 **Preparation Method:** EPA 5035A **Prepared By:** PRS

YORK Sample ID	Client Sample ID	Preparation Date
24J1510-01	SB-1_6 in_Top Soil	10/24/24
24J1510-02	SB-4_2 in_Mulch	10/24/24
24J1510-05	SB-5_0 in-12 in	10/24/24
24J1510-06	SB-6_0 in-12 in	10/24/24
24J1510-07	SB-7_0 in-12 in	10/24/24
24J1510-11	SB-14_4 in_Top Soil	10/24/24
24J1510-12	SB-17_2 in_Mulch	10/24/24
24J1510-13	SB-18_4 in-5.5 ft	10/24/24
24J1510-14	SB-21_6 in-5.5 ft	10/24/24
24J1510-15	SB-23_4 in-6 ft	10/24/24
24J1510-16	SB-19_2 in-16 in	10/24/24
24J1510-17	SB-15_3 ft	10/24/24
BJ41686-BLK1	Blank	10/24/24
BJ41686-BS1	LCS	10/24/24

Batch ID: BJ41738 **Preparation Method:** EPA 3550C **Prepared By:** JJP

YORK Sample ID	Client Sample ID	Preparation Date
24J1510-03	Paige Avenue Composite Top S	10/25/24
24J1510-04	Paige Avenue Composite Mulch	10/25/24
24J1510-05	SB-5_0 in-12 in	10/25/24
24J1510-06	SB-6_0 in-12 in	10/25/24
24J1510-07	SB-7_0 in-12 in	10/25/24
24J1510-09	Richmond Composite Mulch	10/25/24
24J1510-10	Richmond Composite Top Soil	10/25/24
24J1510-13	SB-18_4 in-5.5 ft	10/25/24
24J1510-14	SB-21_6 in-5.5 ft	10/25/24
24J1510-15	SB-23_4 in-6 ft	10/25/24
24J1510-16	SB-19_2 in-16 in	10/25/24
24J1510-17	SB-15_3 ft	10/25/24
BJ41738-BLK1	Blank	10/25/24
BJ41738-BS1	LCS	10/25/24
BJ41738-MS1	Matrix Spike	10/25/24
BJ41738-MSD1	Matrix Spike Dup	10/25/24

Batch ID: BJ41796 **Preparation Method:** EPA 3550C/8151A **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
24J1510-03	Paige Avenue Composite Top S	10/26/24

24J1510-04	Paige Avenue Composite Mulch	10/26/24
24J1510-05	SB-5_0 in-12 in	10/26/24
24J1510-06	SB-6_0 in-12 in	10/26/24
24J1510-07	SB-7_0 in-12 in	10/26/24
24J1510-09	Richmond Composite Mulch	10/26/24
24J1510-10	Richmond Composite Top Soil	10/26/24
24J1510-13	SB-18_4 in-5.5 ft	10/26/24
24J1510-14	SB-21_6 in-5.5 ft	10/26/24
24J1510-15	SB-23_4 in-6 ft	10/26/24
24J1510-16	SB-19_2 in-16 in	10/26/24
24J1510-17	SB-15_3 ft	10/26/24
BJ41796-BLK1	Blank	10/26/24
BJ41796-BS1	LCS	10/26/24

Batch ID: BJ41798 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
24J1510-04	Paige Avenue Composite Mulch	10/26/24
24J1510-05	SB-5_0 in-12 in	10/26/24
24J1510-06	SB-6_0 in-12 in	10/26/24
24J1510-07	SB-7_0 in-12 in	10/26/24
24J1510-09	Richmond Composite Mulch	10/26/24
24J1510-10	Richmond Composite Top Soil	10/26/24
24J1510-13	SB-18_4 in-5.5 ft	10/26/24
24J1510-14	SB-21_6 in-5.5 ft	10/26/24
24J1510-15	SB-23_4 in-6 ft	10/26/24
24J1510-16	SB-19_2 in-16 in	10/26/24
24J1510-17	SB-15_3 ft	10/26/24
BJ41798-BLK1	Blank	10/26/24
BJ41798-DUP1	Duplicate	10/26/24
BJ41798-MS1	Matrix Spike	10/26/24
BJ41798-SRM1	Reference	10/26/24

Batch ID: BJ41820 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
24J1510-03	Paige Avenue Composite Top S	10/27/24
24J1510-04	Paige Avenue Composite Mulch	10/27/24
24J1510-05	SB-5_0 in-12 in	10/27/24
24J1510-05RE1	SB-5_0 in-12 in	10/27/24
24J1510-06	SB-6_0 in-12 in	10/27/24
24J1510-07	SB-7_0 in-12 in	10/27/24
24J1510-07RE1	SB-7_0 in-12 in	10/27/24
24J1510-09	Richmond Composite Mulch	10/27/24
24J1510-10	Richmond Composite Top Soil	10/27/24
24J1510-13	SB-18_4 in-5.5 ft	10/27/24
24J1510-14	SB-21_6 in-5.5 ft	10/27/24
24J1510-15	SB-23_4 in-6 ft	10/27/24
24J1510-16	SB-19_2 in-16 in	10/27/24
24J1510-17	SB-15_3 ft	10/27/24
24J1510-17RE1	SB-15_3 ft	10/27/24

BJ41820-BLK1	Blank	10/27/24
BJ41820-SRM1	Reference	10/27/24

Batch ID: BJ41838 **Preparation Method:** EPA 3015A **Prepared By:** LCB

YORK Sample ID	Client Sample ID	Preparation Date
24J1510-18	Equipment Blank	10/28/24
BJ41838-BLK1	Blank	10/28/24
BJ41838-BS1	LCS	10/28/24

Batch ID: BJ41861 **Preparation Method:** EPA 3550C **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
24J1510-03	Paige Avenue Composite Top S	10/28/24
24J1510-03	Paige Avenue Composite Top S	10/28/24
24J1510-04	Paige Avenue Composite Mulch	10/28/24
24J1510-04	Paige Avenue Composite Mulch	10/28/24
24J1510-05	SB-5_0 in-12 in	10/28/24
24J1510-05	SB-5_0 in-12 in	10/28/24
24J1510-06	SB-6_0 in-12 in	10/28/24
24J1510-06	SB-6_0 in-12 in	10/28/24
24J1510-07	SB-7_0 in-12 in	10/28/24
24J1510-07	SB-7_0 in-12 in	10/28/24
24J1510-09	Richmond Composite Mulch	10/28/24
24J1510-09	Richmond Composite Mulch	10/28/24
24J1510-10	Richmond Composite Top Soil	10/28/24
24J1510-10	Richmond Composite Top Soil	10/28/24
24J1510-13	SB-18_4 in-5.5 ft	10/28/24
24J1510-13	SB-18_4 in-5.5 ft	10/28/24
24J1510-14	SB-21_6 in-5.5 ft	10/28/24
24J1510-14	SB-21_6 in-5.5 ft	10/28/24
24J1510-15	SB-23_4 in-6 ft	10/28/24
24J1510-15	SB-23_4 in-6 ft	10/28/24
24J1510-16	SB-19_2 in-16 in	10/28/24
24J1510-16	SB-19_2 in-16 in	10/28/24
24J1510-17	SB-15_3 ft	10/28/24
24J1510-17	SB-15_3 ft	10/28/24
BJ41861-BLK1	Blank	10/28/24
BJ41861-BLK2	Blank	10/28/24
BJ41861-BS1	LCS	10/28/24
BJ41861-BS2	LCS	10/28/24

Batch ID: BJ41868 **Preparation Method:** EPA SW846-7470A **Prepared By:** AJL

YORK Sample ID	Client Sample ID	Preparation Date
24J1510-18	Equipment Blank	10/28/24
BJ41868-BLK1	Blank	10/28/24
BJ41868-BLK2	Blank	10/28/24
BJ41868-BS1	LCS	10/28/24
BJ41868-BS2	LCS	10/28/24

Batch ID: BJ41986 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
24J1510-03	Paige Avenue Composite Top S	10/29/24
BJ41986-BLK1	Blank	10/29/24
BJ41986-DUP1	Duplicate	10/29/24
BJ41986-MS1	Matrix Spike	10/29/24
BJ41986-SRM1	Reference	10/29/24

Batch ID: BJ42211 **Preparation Method:** EPA SW 846-1311 TCLP ext. for meta **Prepared By:** JRO

YORK Sample ID	Client Sample ID	Preparation Date
24J1510-03	Paige Avenue Composite Top S	10/31/24
24J1510-05	SB-5_0 in-12 in	10/31/24
24J1510-06	SB-6_0 in-12 in	10/31/24
24J1510-07	SB-7_0 in-12 in	10/31/24
BJ42211-BLK1	Blank	10/31/24

Batch ID: BK40060 **Preparation Method:** EPA SW 846-1311 TCLP ext. for meta **Prepared By:** TAJ

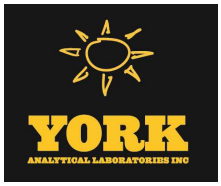
YORK Sample ID	Client Sample ID	Preparation Date
24J1510-17	SB-15_3 ft	11/01/24
BK40060-BLK1	Blank	11/01/24

Batch ID: BK40251 **Preparation Method:** EPA SW846-7470A **Prepared By:** PFA

YORK Sample ID	Client Sample ID	Preparation Date
24J1510-07	SB-7_0 in-12 in	11/05/24
BK40251-BLK1	Blank	11/05/24
BK40251-BLK2	Blank	11/05/24
BK40251-BS1	LCS	11/05/24
BK40251-BS2	LCS	11/05/24
BK40251-LBK1	Leach Fluid Blank	11/05/24

Batch ID: BK40432 **Preparation Method:** EPA 3015A/1311 **Prepared By:** LCB

YORK Sample ID	Client Sample ID	Preparation Date
24J1510-03	Paige Avenue Composite Top S	11/07/24
24J1510-05	SB-5_0 in-12 in	11/07/24
24J1510-06	SB-6_0 in-12 in	11/07/24
24J1510-07	SB-7_0 in-12 in	11/07/24
24J1510-17	SB-15_3 ft	11/07/24
BK40432-BLK1	Blank	11/07/24
BK40432-BS1	LCS	11/07/24
BK40432-DUP1	Duplicate	11/07/24
BK40432-LBK1	Leach Fluid Blank	11/07/24
BK40432-MS1	Matrix Spike	11/07/24



BK40432-PS1 Post Spike 11/07/24

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 BJ41648 - EPA 5030B											
Blank (BJ41648-BLK1)											Prepared & Analyzed: 10/24/2024
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	40	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	2.0	"								
Acrolein	ND	0.50	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								

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 BJ41648 - EPA 5030B											
Blank (BJ41648-BLK1)								Prepared & Analyzed: 10/24/2024			
Methylene chloride	ND	2.0	ug/L								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	1.0	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
trans-1,4-dichloro-2-butene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.5*		*"*	*10.0*		*105*	*69-130*				
Surrogate: SURR: Toluene-d8	*11.4*		*"*	*10.0*		*114*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.2*		*"*	*10.0*		*102*	*79-122*				
LCS (BJ41648-BS1)								Prepared & Analyzed: 10/24/2024			
1,1,1,2-Tetrachloroethane	10		ug/L	10.0		101	82-126				
1,1,1-Trichloroethane	8.1		"	10.0		81.2	78-136				
1,1,2,2-Tetrachloroethane	12		"	10.0		116	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	7.9		"	10.0		78.8	54-165				
1,1,2-Trichloroethane	10		"	10.0		102	82-123				
1,1-Dichloroethane	7.6		"	10.0		75.9	82-129	Low Bias			
1,1-Dichloroethylene	8.2		"	10.0		82.0	68-138				
1,2,3-Trichlorobenzene	11		"	10.0		113	40-130				
1,2,3-Trichloropropane	11		"	10.0		112	77-128				
1,2,4-Trichlorobenzene	11		"	10.0		115	65-137				
1,2,4-Trimethylbenzene	11		"	10.0		112	82-132				
1,2-Dibromo-3-chloropropane	11		"	10.0		106	45-147				
1,2-Dibromoethane	10		"	10.0		103	83-124				
1,2-Dichlorobenzene	11		"	10.0		108	79-123				
1,2-Dichloroethane	7.8		"	10.0		78.3	73-132				
1,2-Dichloropropane	10		"	10.0		101	78-126				
1,3,5-Trimethylbenzene	11		"	10.0		111	80-131				
1,3-Dichlorobenzene	10		"	10.0		105	86-130				
1,4-Dichlorobenzene	10		"	10.0		101	85-130				
1,4-Dioxane	400		"	210		188	10-349				
2-Butanone	3.6		"	10.0		36.2	49-152	Low Bias			
2-Hexanone	8.6		"	10.0		86.2	51-146				
4-Methyl-2-pentanone	11		"	10.0		107	57-145				
Acetone	15		"	10.0		150	14-150				
Acrolein	11		"	10.0		114	10-153				
Acrylonitrile	9.9		"	10.0		99.3	51-150				

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 BJ41648 - EPA 5030B											
LCS (BJ41648-BS1)								Prepared & Analyzed: 10/24/2024			
Benzene	8.1		ug/L	10.0		80.6	85-126	Low Bias			
Bromochloromethane	8.5		"	10.0		85.1	77-128				
Bromodichloromethane	9.9		"	10.0		99.4	79-128				
Bromoform	9.7		"	10.0		96.9	78-133				
Bromomethane	8.8		"	10.0		87.9	43-168				
Carbon disulfide	7.7		"	10.0		76.8	68-146				
Carbon tetrachloride	8.2		"	10.0		82.5	77-141				
Chlorobenzene	9.8		"	10.0		98.2	88-120				
Chloroethane	8.6		"	10.0		86.3	65-136				
Chloroform	7.8		"	10.0		78.0	82-128	Low Bias			
Chloromethane	7.0		"	10.0		70.1	43-155				
cis-1,2-Dichloroethylene	8.0		"	10.0		80.0	83-129	Low Bias			
cis-1,3-Dichloropropylene	9.8		"	10.0		98.5	80-131				
Cyclohexane	7.0		"	10.0		70.5	63-149				
Dibromochloromethane	11		"	10.0		110	80-130				
Dibromomethane	9.8		"	10.0		98.3	72-134				
Dichlorodifluoromethane	8.8		"	10.0		87.6	44-144				
Ethyl Benzene	10		"	10.0		102	80-131				
Hexachlorobutadiene	12		"	10.0		117	67-146				
Isopropylbenzene	11		"	10.0		112	76-140				
Methyl acetate	8.5		"	10.0		84.6	51-139				
Methyl tert-butyl ether (MTBE)	8.5		"	10.0		85.1	76-135				
Methylcyclohexane	9.1		"	10.0		91.3	72-143				
Methylene chloride	7.7		"	10.0		77.3	55-137				
n-Butylbenzene	11		"	10.0		112	79-132				
n-Propylbenzene	11		"	10.0		113	78-133				
o-Xylene	9.9		"	10.0		98.8	78-130				
p- & m- Xylenes	21		"	20.0		106	77-133				
p-Isopropyltoluene	11		"	10.0		110	81-136				
sec-Butylbenzene	11		"	10.0		110	79-137				
Styrene	9.6		"	10.0		96.4	67-132				
tert-Butyl alcohol (TBA)	43		"	50.0		85.4	25-162				
tert-Butylbenzene	11		"	10.0		106	77-138				
Tetrachloroethylene	6.0		"	10.0		60.3	82-131	Low Bias			
Toluene	11		"	10.0		106	80-127				
trans-1,2-Dichloroethylene	7.8		"	10.0		78.1	80-132	Low Bias			
trans-1,3-Dichloropropylene	10		"	10.0		105	78-131				
trans-1,4-dichloro-2-butene	12		"	10.0		122	63-141				
Trichloroethylene	9.9		"	10.0		99.1	82-128				
Trichlorofluoromethane	8.7		"	10.0		86.7	67-139				
Vinyl Chloride	8.8		"	10.0		88.5	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.3*		*"*	*10.0*		*103*	*69-130*				
Surrogate: SURR: Toluene-d8	*11.2*		*"*	*10.0*		*112*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.0*		*"*	*10.0*		*100*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41686 - EPA 5035A											
Blank (BJ41686-BLK1)											
Prepared: 10/24/2024 Analyzed: 10/25/2024											
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
Tentatively Identified Compounds	0.0		"								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								

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 BJ41686 - EPA 5035A											
Blank (BJ41686-BLK1)								Prepared: 10/24/2024 Analyzed: 10/25/2024			
Methylene chloride	ND	0.010	mg/kg wet								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
trans-1,4-dichloro-2-butene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*52.1*		*ug/L*	*50.0*		*104*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.2*		*"*	*50.0*		*96.5*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.7*		*"*	*50.0*		*101*	*76-130*				
LCS (BJ41686-BS1)								Prepared: 10/24/2024 Analyzed: 10/25/2024			
1,1,1,2-Tetrachloroethane	47		ug/L	50.0		94.9	75-129				
1,1,1-Trichloroethane	51		"	50.0		103	71-137				
1,1,2,2-Tetrachloroethane	53		"	50.0		106	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	48		"	50.0		96.9	58-146				
1,1,2-Trichloroethane	52		"	50.0		105	83-123				
1,1-Dichloroethane	50		"	50.0		100	75-130				
1,1-Dichloroethylene	50		"	50.0		99.8	64-137				
1,2,3-Trichlorobenzene	44		"	50.0		87.3	81-140				
1,2,3-Trichloropropane	53		"	50.0		106	81-126				
1,2,4-Trichlorobenzene	40		"	50.0		79.4	80-141	Low Bias			
1,2,4-Trimethylbenzene	46		"	50.0		91.2	84-125				
1,2-Dibromo-3-chloropropane	54		"	50.0		108	74-142				
1,2-Dibromoethane	53		"	50.0		107	86-123				
1,2-Dichlorobenzene	47		"	50.0		94.7	85-122				
1,2-Dichloroethane	54		"	50.0		108	71-133				
1,2-Dichloropropane	51		"	50.0		102	81-122				
1,3,5-Trimethylbenzene	47		"	50.0		94.2	82-126				
1,3-Dichlorobenzene	42		"	50.0		83.5	84-124	Low Bias			
1,4-Dichlorobenzene	43		"	50.0		85.2	84-124				
1,4-Dioxane	1800		"	1050		173	10-228				
2-Butanone	42		"	50.0		83.8	58-147				
2-Hexanone	52		"	50.0		104	70-139				
4-Methyl-2-pentanone	57		"	50.0		114	72-132				
Acetone	91		"	50.0		183	36-155	High Bias			
Acrolein	51		"	50.0		102	10-238				
Acrylonitrile	56		"	50.0		112	66-141				

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 BJ41686 - EPA 5035A											
LCS (BJ41686-BS1)								Prepared: 10/24/2024 Analyzed: 10/25/2024			
Benzene	53		ug/L	50.0		106	77-127				
Bromochloromethane	52		"	50.0		104	74-129				
Bromodichloromethane	52		"	50.0		103	81-124				
Bromoform	47		"	50.0		94.7	80-136				
Bromomethane	55		"	50.0		110	32-177				
Carbon disulfide	45		"	50.0		90.4	10-136				
Carbon tetrachloride	46		"	50.0		92.5	66-143				
Chlorobenzene	49		"	50.0		97.5	86-120				
Chloroethane	57		"	50.0		114	51-142				
Chloroform	52		"	50.0		105	76-131				
Chloromethane	49		"	50.0		97.2	49-132				
cis-1,2-Dichloroethylene	51		"	50.0		102	74-132				
cis-1,3-Dichloropropylene	49		"	50.0		97.2	81-129				
Cyclohexane	45		"	50.0		89.5	70-130				
Dibromochloromethane	54		"	50.0		108	10-200				
Dibromomethane	50		"	50.0		101	83-124				
Dichlorodifluoromethane	44		"	50.0		88.2	28-158				
Ethyl Benzene	49		"	50.0		97.3	84-125				
Hexachlorobutadiene	41		"	50.0		82.0	83-133	Low Bias			
Isopropylbenzene	48		"	50.0		96.6	81-127				
Methyl acetate	48		"	50.0		96.3	41-143				
Methyl tert-butyl ether (MTBE)	53		"	50.0		106	74-131				
Methylcyclohexane	45		"	50.0		89.5	70-130				
Methylene chloride	50		"	50.0		100	57-141				
n-Butylbenzene	41		"	50.0		82.0	80-130				
n-Propylbenzene	45		"	50.0		90.3	74-136				
o-Xylene	49		"	50.0		98.6	83-123				
p- & m- Xylenes	95		"	100		94.6	82-128				
p-Isopropyltoluene	39		"	50.0		78.7	85-125	Low Bias			
sec-Butylbenzene	47		"	50.0		93.5	83-125				
Styrene	45		"	50.0		90.5	86-126				
tert-Butyl alcohol (TBA)	300		"	250		120	70-130				
tert-Butylbenzene	48		"	50.0		96.4	80-127				
Tetrachloroethylene	38		"	50.0		75.6	80-129	Low Bias			
Toluene	49		"	50.0		98.9	85-121				
trans-1,2-Dichloroethylene	48		"	50.0		96.1	72-132				
trans-1,3-Dichloropropylene	50		"	50.0		100	78-132				
trans-1,4-dichloro-2-butene	54		"	50.0		107	75-135				
Trichloroethylene	49		"	50.0		98.0	84-123				
Trichlorofluoromethane	50		"	50.0		99.2	62-140				
Vinyl Chloride	51		"	50.0		102	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.4*		*"*	*50.0*		*103*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.1*		*"*	*50.0*		*96.3*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.1*		*"*	*50.0*		*100*	*76-130*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41639 - EPA 3510C											
Blank (BJ41639-BLK1)											
Prepared: 10/24/2024 Analyzed: 10/25/2024											
1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
1,2,4-Trichlorobenzene	ND	5.00	"								
1,2-Dichlorobenzene	ND	5.00	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"								
1,3-Dichlorobenzene	ND	5.00	"								
1,4-Dichlorobenzene	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acenaphthene	ND	0.0500	"								
Acenaphthylene	ND	0.0500	"								
Acetophenone	ND	5.00	"								
Aniline	ND	5.00	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzaldehyde	ND	5.00	"								
Benzidine	ND	20.0	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Benzoic acid	ND	50.0	"								
Benzyl alcohol	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								

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 BJ41639 - EPA 3510C											
Blank (BJ41639-BLK1)											
Prepared: 10/24/2024 Analyzed: 10/25/2024											
Caprolactam	ND	5.00	ug/L								
Carbazole	ND	5.00	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Diphenylamine	ND	5.00	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachlorocyclopentadiene	ND	5.00	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Isophorone	ND	5.00	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Phenol	ND	5.00	"								
Pyrene	ND	0.0500	"								
Surrogate: SURR: 2-Fluorophenol	*12.8*		"	*50.0*		*25.5*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*4.16*		"	*50.0*		*8.32*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*16.0*		"	*25.0*		*64.2*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*12.4*		"	*25.0*		*49.7*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*50.1*		"	*50.0*		*100*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*16.8*		"	*25.0*		*67.2*	*30.7-106*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

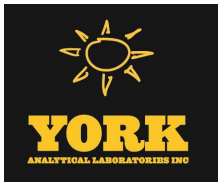
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41639 - EPA 3510C											
LCS (BJ41639-BS1)								Prepared: 10/24/2024 Analyzed: 10/25/2024			
1,1-Biphenyl	12.2	5.00	ug/L	25.0		48.8	21-102				
1,2,4,5-Tetrachlorobenzene	13.8	5.00	"	25.0		55.4	28-105				
1,2,4-Trichlorobenzene	12.1	5.00	"	25.0		48.4	35-91				
1,2-Dichlorobenzene	10.5	5.00	"	25.0		42.1	42-85				
1,2-Diphenylhydrazine (as Azobenzene)	15.6	5.00	"	25.0		62.4	16-137				
1,3-Dichlorobenzene	10.1	5.00	"	25.0		40.3	45-80	Low Bias			
1,4-Dichlorobenzene	10.1	5.00	"	25.0		40.3	42-82	Low Bias			
2,3,4,6-Tetrachlorophenol	15.6	5.00	"	25.0		62.5	30-130				
2,4,5-Trichlorophenol	11.7	5.00	"	25.0		46.8	36-112				
2,4,6-Trichlorophenol	13.4	5.00	"	25.0		53.6	41-107				
2,4-Dichlorophenol	12.0	5.00	"	25.0		47.9	43-92				
2,4-Dimethylphenol	11.5	5.00	"	25.0		46.1	25-92				
2,4-Dinitrophenol	22.5	5.00	"	25.0		89.8	10-149				
2,4-Dinitrotoluene	19.5	5.00	"	25.0		78.0	41-114				
2,6-Dinitrotoluene	17.5	5.00	"	25.0		69.8	49-106				
2-Chloronaphthalene	12.5	5.00	"	25.0		50.0	40-96				
2-Chlorophenol	9.72	5.00	"	25.0		38.9	35-84				
2-Methylnaphthalene	11.2	5.00	"	25.0		44.6	33-101				
2-Methylphenol	8.26	5.00	"	25.0		33.0	10-90				
2-Nitroaniline	13.3	5.00	"	25.0		53.3	31-122				
2-Nitrophenol	13.9	5.00	"	25.0		55.7	37-97				
3- & 4-Methylphenols	7.12	5.00	"	25.0		28.5	10-101				
3,3-Dichlorobenzidine	11.5	5.00	"	25.0		45.8	25-155				
3-Nitroaniline	11.1	5.00	"	25.0		44.3	29-128				
4,6-Dinitro-2-methylphenol	32.5	5.00	"	25.0		130	10-135				
4-Bromophenyl phenyl ether	18.2	5.00	"	25.0		72.6	38-116				
4-Chloro-3-methylphenol	14.4	5.00	"	25.0		57.7	28-101				
4-Chloroaniline	10.1	5.00	"	25.0		40.2	10-154				
4-Chlorophenyl phenyl ether	15.2	5.00	"	25.0		60.7	34-112				
4-Nitroaniline	11.8	5.00	"	25.0		47.4	15-143				
4-Nitrophenol	22.6	5.00	"	25.0		90.6	10-112				
Acenaphthene	11.8	0.0500	"	25.0		47.2	24-114				
Acenaphthylene	12.2	0.0500	"	25.0		48.9	26-112				
Acetophenone	11.8	5.00	"	25.0		47.2	47-92				
Aniline	14.7	5.00	"	25.0		58.9	10-107				
Anthracene	15.4	0.0500	"	25.0		61.8	35-114				
Atrazine	18.9	0.500	"	25.0		75.4	43-101				
Benzaldehyde	13.8	5.00	"	25.0		55.1	17-117				
Benzo(a)anthracene	13.6	0.0500	"	25.0		54.3	38-127				
Benzo(a)pyrene	14.1	0.0500	"	25.0		56.6	30-146				
Benzo(b)fluoranthene	13.7	0.0500	"	25.0		54.7	36-145				
Benzo(g,h,i)perylene	17.0	0.0500	"	25.0		68.2	10-163				
Benzo(k)fluoranthene	13.7	0.0500	"	25.0		54.7	16-149				
Benzoic acid	28.8	50.0	"	25.0		115	30-130				
Benzyl alcohol	5.81	5.00	"	25.0		23.2	18-75				
Benzyl butyl phthalate	11.2	5.00	"	25.0		44.7	28-129				
Bis(2-chloroethoxy)methane	13.1	5.00	"	25.0		52.2	27-112				
Bis(2-chloroethyl)ether	21.2	5.00	"	25.0		84.8	24-114				
Bis(2-chloroisopropyl)ether	13.0	5.00	"	25.0		52.2	21-124				
Bis(2-ethylhexyl)phthalate	12.3	0.500	"	25.0		49.3	10-171				
Caprolactam	2.62	5.00	"	25.0		10.5	10-29				

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 BJ41639 - EPA 3510C											
LCS (BJ41639-BS1)									Prepared: 10/24/2024 Analyzed: 10/25/2024		
Carbazole	13.5	5.00	ug/L	25.0		54.2	49-116				
Chrysene	14.5	0.0500	"	25.0		58.1	33-120				
Dibenzo(a,h)anthracene	16.8	0.0500	"	25.0		67.3	10-149				
Dibenzofuran	13.1	5.00	"	25.0		52.3	42-105				
Diethyl phthalate	14.5	5.00	"	25.0		58.0	38-112				
Dimethyl phthalate	14.4	5.00	"	25.0		57.7	49-106				
Di-n-butyl phthalate	14.5	5.00	"	25.0		57.9	36-110				
Di-n-octyl phthalate	11.9	5.00	"	25.0		47.7	12-149				
Diphenylamine	16.5	5.00	"	25.0		65.9	40-140				
Fluoranthene	15.6	0.0500	"	25.0		62.6	33-126				
Fluorene	13.8	0.0500	"	25.0		55.2	28-117				
Hexachlorobenzene	13.7	0.0200	"	25.0		54.8	27-120				
Hexachlorobutadiene	14.3	0.500	"	25.0		57.1	25-106				
Hexachlorocyclopentadiene	8.89	5.00	"	25.0		35.6	10-99				
Hexachloroethane	10.8	0.500	"	25.0		43.4	33-84				
Indeno(1,2,3-cd)pyrene	17.0	0.0500	"	25.0		68.2	10-150				
Isophorone	16.4	5.00	"	25.0		65.4	29-115				
Naphthalene	11.4	0.0500	"	25.0		45.5	30-99				
Nitrobenzene	13.6	0.250	"	25.0		54.3	32-113				
N-Nitrosodimethylamine	5.51	0.500	"	25.0		22.0	10-63				
N-nitroso-di-n-propylamine	12.2	5.00	"	25.0		49.0	36-118				
N-Nitrosodiphenylamine	16.4	5.00	"	25.0		65.4	27-145				
Pentachlorophenol	14.5	0.250	"	25.0		58.0	19-127				
Phenanthrene	15.0	0.0500	"	25.0		60.1	31-112				
Phenol	4.36	5.00	"	25.0		17.4	10-37				
Pyrene	12.8	0.0500	"	25.0		51.2	42-125				
Surrogate: SURR: 2-Fluorophenol	*12.1*		*"*	*50.0*		*24.3*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*6.17*		*"*	*50.0*		*12.3*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*14.8*		*"*	*25.0*		*59.3*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*13.1*		*"*	*25.0*		*52.3*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*58.1*		*"*	*50.0*		*116*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*16.5*		*"*	*25.0*		*65.9*	*30.7-106*				



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 BJ41639 - EPA 3510C											
LCS Dup (BJ41639-BSD1)								Prepared: 10/24/2024 Analyzed: 10/25/2024			
1,1-Biphenyl	10.3	5.00	ug/L	25.0		41.0	21-102		17.3	20	
1,2,4,5-Tetrachlorobenzene	11.6	5.00	"	25.0		46.5	28-105		17.5	20	
1,2,4-Trichlorobenzene	11.0	5.00	"	25.0		44.1	35-91		9.42	20	
1,2-Dichlorobenzene	8.73	5.00	"	25.0		34.9	42-85	Low Bias	18.6	20	
1,2-Diphenylhydrazine (as Azobenzene)	12.8	5.00	"	25.0		51.1	16-137		19.8	20	
1,3-Dichlorobenzene	8.27	5.00	"	25.0		33.1	45-80	Low Bias	19.7	20	
1,4-Dichlorobenzene	8.27	5.00	"	25.0		33.1	42-82	Low Bias	19.7	20	
2,3,4,6-Tetrachlorophenol	13.1	5.00	"	25.0		52.2	30-130		17.9	20	
2,4,5-Trichlorophenol	10.2	5.00	"	25.0		40.6	36-112		14.0	20	
2,4,6-Trichlorophenol	11.6	5.00	"	25.0		46.5	41-107		14.2	20	
2,4-Dichlorophenol	11.9	5.00	"	25.0		47.5	43-92		0.838	20	
2,4-Dimethylphenol	10.2	5.00	"	25.0		40.9	25-92		11.9	20	
2,4-Dinitrophenol	16.4	5.00	"	25.0		65.8	10-149		30.9	20	Non-dir.
2,4-Dinitrotoluene	15.6	5.00	"	25.0		62.6	41-114		22.0	20	Non-dir.
2,6-Dinitrotoluene	15.0	5.00	"	25.0		59.8	49-106		15.5	20	
2-Chloronaphthalene	9.89	5.00	"	25.0		39.6	40-96	Low Bias	23.4	20	Non-dir.
2-Chlorophenol	9.26	5.00	"	25.0		37.0	35-84		4.85	20	
2-Methylnaphthalene	10.2	5.00	"	25.0		40.8	33-101		9.00	20	
2-Methylphenol	7.66	5.00	"	25.0		30.6	10-90		7.54	20	
2-Nitroaniline	12.7	5.00	"	25.0		50.9	31-122		4.53	20	
2-Nitrophenol	12.5	5.00	"	25.0		50.0	37-97		10.7	20	
3- & 4-Methylphenols	6.52	5.00	"	25.0		26.1	10-101		8.80	20	
3,3-Dichlorobenzidine	9.50	5.00	"	25.0		38.0	25-155		18.7	20	
3-Nitroaniline	10.8	5.00	"	25.0		43.2	29-128		2.65	20	
4,6-Dinitro-2-methylphenol	26.2	5.00	"	25.0		105	10-135		21.3	20	Non-dir.
4-Bromophenyl phenyl ether	14.2	5.00	"	25.0		56.6	38-116		24.8	20	Non-dir.
4-Chloro-3-methylphenol	14.5	5.00	"	25.0		58.2	28-101		0.829	20	
4-Chloroaniline	12.2	5.00	"	25.0		48.7	10-154		19.0	20	
4-Chlorophenyl phenyl ether	11.8	5.00	"	25.0		47.3	34-112		24.7	20	Non-dir.
4-Nitroaniline	10.3	5.00	"	25.0		41.3	15-143		13.7	20	
4-Nitrophenol	23.3	5.00	"	25.0		93.4	10-112		3.00	20	
Acenaphthene	9.98	0.0500	"	25.0		39.9	24-114		16.8	20	
Acenaphthylene	10.2	0.0500	"	25.0		41.0	26-112		17.6	20	
Acetophenone	11.0	5.00	"	25.0		43.8	47-92	Low Bias	7.47	20	
Aniline	16.0	5.00	"	25.0		64.0	10-107		8.33	20	
Anthracene	12.0	0.0500	"	25.0		48.2	35-114		24.8	20	Non-dir.
Atrazine	16.0	0.500	"	25.0		63.9	43-101		16.5	20	
Benzaldehyde	12.6	5.00	"	25.0		50.5	17-117		8.64	20	
Benzo(a)anthracene	10.6	0.0500	"	25.0		42.6	38-127		24.2	20	Non-dir.
Benzo(a)pyrene	10.7	0.0500	"	25.0		42.8	30-146		27.6	20	Non-dir.
Benzo(b)fluoranthene	10.6	0.0500	"	25.0		42.2	36-145		25.7	20	Non-dir.
Benzo(g,h,i)perylene	13.0	0.0500	"	25.0		51.8	10-163		27.3	20	Non-dir.
Benzo(k)fluoranthene	10.6	0.0500	"	25.0		42.2	16-149		25.7	20	Non-dir.
Benzoic acid	28.8	50.0	"	25.0		115	30-130		0.104	20	
Benzyl alcohol	6.14	5.00	"	25.0		24.6	18-75		5.52	20	
Benzyl butyl phthalate	8.76	5.00	"	25.0		35.0	28-129		24.3	20	Non-dir.
Bis(2-chloroethoxy)methane	13.5	5.00	"	25.0		53.8	27-112		3.02	20	
Bis(2-chloroethyl)ether	23.1	5.00	"	25.0		92.2	24-114		8.36	20	
Bis(2-chloroisopropyl)ether	11.8	5.00	"	25.0		47.2	21-124		10.1	20	
Bis(2-ethylhexyl)phthalate	9.58	0.500	"	25.0		38.3	10-171		25.1	20	Non-dir.
Caprolactam	2.71	5.00	"	25.0		10.8	10-29		3.38	20	

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 BJ41639 - EPA 3510C											
LCS Dup (BJ41639-BSD1)								Prepared: 10/24/2024 Analyzed: 10/25/2024			
Carbazole	11.0	5.00	ug/L	25.0		43.9	49-116	Low Bias	20.9	20	Non-dir.
Chrysene	11.5	0.0500	"	25.0		46.1	33-120		23.1	20	Non-dir.
Dibenzo(a,h)anthracene	13.0	0.0500	"	25.0		52.1	10-149		25.5	20	Non-dir.
Dibenzofuran	10.9	5.00	"	25.0		43.6	42-105		18.1	20	
Diethyl phthalate	12.1	5.00	"	25.0		48.3	38-112		18.3	20	
Dimethyl phthalate	12.3	5.00	"	25.0		49.3	49-106		15.6	20	
Di-n-butyl phthalate	11.2	5.00	"	25.0		45.0	36-110		25.2	20	Non-dir.
Di-n-octyl phthalate	9.33	5.00	"	25.0		37.3	12-149		24.5	20	Non-dir.
Diphenylamine	13.3	5.00	"	25.0		53.3	40-140		21.2	20	Non-dir.
Fluoranthene	12.1	0.0500	"	25.0		48.4	33-126		25.6	20	Non-dir.
Fluorene	11.2	0.0500	"	25.0		45.0	28-117		20.3	20	Non-dir.
Hexachlorobenzene	10.8	0.0200	"	25.0		43.0	27-120		24.1	20	Non-dir.
Hexachlorobutadiene	12.5	0.500	"	25.0		49.8	25-106		13.6	20	
Hexachlorocyclopentadiene	6.90	5.00	"	25.0		27.6	10-99		25.2	20	Non-dir.
Hexachloroethane	8.79	0.500	"	25.0		35.2	33-84		20.9	20	Non-dir.
Indeno(1,2,3-cd)pyrene	13.0	0.0500	"	25.0		51.8	10-150		27.3	20	Non-dir.
Isophorone	15.5	5.00	"	25.0		62.0	29-115		5.34	20	
Naphthalene	10.6	0.0500	"	25.0		42.3	30-99		7.29	20	
Nitrobenzene	13.3	0.250	"	25.0		53.3	32-113		1.86	20	
N-Nitrosodimethylamine	5.87	0.500	"	25.0		23.5	10-63		6.33	20	
N-nitroso-di-n-propylamine	11.5	5.00	"	25.0		45.9	36-118		6.41	20	
N-Nitrosodiphenylamine	13.1	5.00	"	25.0		52.3	27-145		22.3	20	Non-dir.
Pentachlorophenol	11.0	0.250	"	25.0		44.0	19-127		27.4	20	Non-dir.
Phenanthrene	11.6	0.0500	"	25.0		46.6	31-112		25.4	20	Non-dir.
Phenol	4.30	5.00	"	25.0		17.2	10-37		1.39	20	
Pyrene	10.0	0.0500	"	25.0		40.0	42-125	Low Bias	24.5	20	Non-dir.
Surrogate: SURR: 2-Fluorophenol	*11.9*		*"*	*50.0*		*23.7*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*5.92*		*"*	*50.0*		*11.8*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*14.4*		*"*	*25.0*		*57.8*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*12.0*		*"*	*25.0*		*48.1*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*50.3*		*"*	*50.0*		*101*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*15.3*		*"*	*25.0*		*61.1*	*30.7-106*				

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 BJ41738 - EPA 3550C											
Blank (BJ41738-BLK1)											
1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2,4-Trichlorobenzene	ND	0.0416	"								
1,2-Dichlorobenzene	ND	0.0416	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"								
1,3-Dichlorobenzene	ND	0.0416	"								
1,4-Dichlorobenzene	ND	0.0416	"								
2,3,4,6-Tetrachlorophenol	ND	0.0830	"								
2,4,5-Trichlorophenol	ND	0.0416	"								
2,4,6-Trichlorophenol	ND	0.0416	"								
2,4-Dichlorophenol	ND	0.0416	"								
2,4-Dimethylphenol	ND	0.0416	"								
2,4-Dinitrophenol	ND	0.0830	"								
2,4-Dinitrotoluene	ND	0.0416	"								
2,6-Dinitrotoluene	ND	0.0416	"								
2-Chloronaphthalene	ND	0.0416	"								
2-Chlorophenol	ND	0.0416	"								
2-Methylnaphthalene	ND	0.0416	"								
2-Methylphenol	ND	0.0416	"								
2-Nitroaniline	ND	0.0830	"								
2-Nitrophenol	ND	0.0416	"								
3- & 4-Methylphenols	ND	0.0416	"								
3,3-Dichlorobenzidine	ND	0.0416	"								
3-Nitroaniline	ND	0.0830	"								
4,6-Dinitro-2-methylphenol	ND	0.0830	"								
4-Bromophenyl phenyl ether	ND	0.0416	"								
4-Chloro-3-methylphenol	ND	0.0416	"								
4-Chloroaniline	ND	0.0416	"								
4-Chlorophenyl phenyl ether	ND	0.0416	"								
4-Nitroaniline	ND	0.0830	"								
4-Nitrophenol	ND	0.0830	"								
Acenaphthene	ND	0.0416	"								
Acenaphthylene	ND	0.0416	"								
Acetophenone	ND	0.0416	"								
Aniline	ND	0.166	"								
Anthracene	ND	0.0416	"								
Atrazine	ND	0.0416	"								
Benzaldehyde	ND	0.0416	"								
Benzidine	ND	0.166	"								
Benzo(a)anthracene	ND	0.0416	"								
Benzo(a)pyrene	ND	0.0416	"								
Benzo(b)fluoranthene	ND	0.0416	"								
Benzo(g,h,i)perylene	ND	0.0416	"								
Benzo(k)fluoranthene	ND	0.0416	"								
Benzoic acid	ND	0.0416	"								
Benzyl alcohol	ND	0.0416	"								
Benzyl butyl phthalate	ND	0.0416	"								
Bis(2-chloroethoxy)methane	ND	0.0416	"								
Bis(2-chloroethyl)ether	ND	0.0416	"								
Bis(2-chloroisopropyl)ether	ND	0.0416	"								
Bis(2-ethylhexyl)phthalate	ND	0.0416	"								

Prepared: 10/25/2024 Analyzed: 10/28/2024

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41738 - EPA 3550C											
Blank (BJ41738-BLK1)											Prepared: 10/25/2024 Analyzed: 10/28/2024
Caprolactam	ND	0.0830	mg/kg wet								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Diphenylamine	ND	0.0830	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Surrogate: SURR: 2-Fluorophenol	*1.18*		"	*1.66*		*71.2*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.17*		"	*1.66*		*70.3*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.856*		"	*0.831*		*103*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.839*		"	*0.831*		*101*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*2.66*		"	*1.66*		*160*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.980*		"	*0.831*		*118*	*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 BJ41738 - EPA 3550C											
LCS (BJ41738-BS1)								Prepared: 10/25/2024 Analyzed: 10/28/2024			
1,1-Biphenyl	0.722	0.0416	mg/kg wet	0.831		86.9	18-111				
1,2,4,5-Tetrachlorobenzene	0.779	0.0830	"	0.831		93.8	21-131				
1,2,4-Trichlorobenzene	0.841	0.0416	"	1.25		67.5	10-140				
1,2-Dichlorobenzene	0.634	0.0416	"	1.25		50.9	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.740	0.0416	"	1.25		59.4	17-137				
1,3-Dichlorobenzene	0.643	0.0416	"	1.25		51.6	33-110				
1,4-Dichlorobenzene	0.652	0.0416	"	1.25		52.3	32-104				
2,3,4,6-Tetrachlorophenol	0.984	0.0830	"	1.25		79.0	30-130				
2,4,5-Trichlorophenol	0.858	0.0416	"	1.25		68.9	27-118				
2,4,6-Trichlorophenol	0.860	0.0416	"	1.25		69.1	31-120				
2,4-Dichlorophenol	0.890	0.0416	"	1.25		71.4	20-127				
2,4-Dimethylphenol	0.808	0.0416	"	1.25		64.9	14-132				
2,4-Dinitrophenol	0.929	0.0830	"	1.25		74.5	10-171				
2,4-Dinitrotoluene	0.922	0.0416	"	1.25		74.0	34-131				
2,6-Dinitrotoluene	0.887	0.0416	"	1.25		71.2	31-128				
2-Chloronaphthalene	0.719	0.0416	"	1.25		57.7	31-117				
2-Chlorophenol	0.687	0.0416	"	1.25		55.1	33-113				
2-Methylnaphthalene	0.726	0.0416	"	1.25		58.2	12-138				
2-Methylphenol	0.663	0.0416	"	1.25		53.2	10-136				
2-Nitroaniline	0.756	0.0830	"	1.25		60.7	27-132				
2-Nitrophenol	1.02	0.0416	"	1.25		81.7	17-129				
3- & 4-Methylphenols	0.603	0.0416	"	1.25		48.4	29-103				
3,3-Dichlorobenzidine	0.688	0.0416	"	0.831		82.8	22-149				
3-Nitroaniline	0.580	0.0830	"	1.25		46.5	20-133				
4,6-Dinitro-2-methylphenol	1.51	0.0830	"	1.25		121	10-143				
4-Bromophenyl phenyl ether	0.894	0.0416	"	1.25		71.8	29-120				
4-Chloro-3-methylphenol	0.920	0.0416	"	1.25		73.8	24-129				
4-Chloroaniline	0.597	0.0416	"	1.25		47.9	10-132				
4-Chlorophenyl phenyl ether	0.815	0.0416	"	1.25		65.4	27-124				
4-Nitroaniline	0.630	0.0830	"	1.25		50.6	16-128				
4-Nitrophenol	0.718	0.0830	"	1.25		57.6	10-141				
Acenaphthene	0.651	0.0416	"	1.25		52.2	30-121				
Acenaphthylene	0.752	0.0416	"	1.25		60.3	30-115				
Acetophenone	0.635	0.0416	"	0.831		76.5	20-112				
Aniline	0.646	0.166	"	1.25		51.8	10-119				
Anthracene	0.722	0.0416	"	1.25		57.9	34-118				
Atrazine	0.879	0.0416	"	0.831		106	26-112				
Benzaldehyde	0.589	0.0416	"	0.831		70.9	21-100				
Benzo(a)anthracene	0.767	0.0416	"	1.25		61.5	32-122				
Benzo(a)pyrene	0.752	0.0416	"	1.25		60.4	29-133				
Benzo(b)fluoranthene	0.755	0.0416	"	1.25		60.6	25-133				
Benzo(g,h,i)perylene	0.824	0.0416	"	1.25		66.1	10-143				
Benzo(k)fluoranthene	0.710	0.0416	"	1.25		57.0	25-128				
Benzoic acid	0.377	0.0416	"	0.831		45.4	10-140				
Benzyl alcohol	0.636	0.0416	"	1.25		51.1	30-115				
Benzyl butyl phthalate	0.882	0.0416	"	1.25		70.8	26-126				
Bis(2-chloroethoxy)methane	0.705	0.0416	"	1.25		56.6	19-132				
Bis(2-chloroethyl)ether	0.556	0.0416	"	1.25		44.7	19-125				
Bis(2-chloroisopropyl)ether	0.512	0.0416	"	1.25		41.1	20-135				
Bis(2-ethylhexyl)phthalate	0.764	0.0416	"	1.25		61.3	10-155				
Caprolactam	0.750	0.0830	"	0.831		90.3	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 BJ41738 - EPA 3550C											
LCS (BJ41738-BS1)											
Prepared: 10/25/2024 Analyzed: 10/28/2024											
Carbazole	0.656	0.0416	mg/kg wet	1.25		52.6	35-123				
Chrysene	0.681	0.0416	"	1.25		54.7	32-123				
Dibenzo(a,h)anthracene	0.861	0.0416	"	1.25		69.1	10-136				
Dibenzofuran	0.729	0.0416	"	1.25		58.5	29-121				
Diethyl phthalate	0.811	0.0416	"	1.25		65.1	34-116				
Dimethyl phthalate	0.785	0.0416	"	1.25		63.0	35-124				
Di-n-butyl phthalate	0.796	0.0416	"	1.25		63.9	31-116				
Di-n-octyl phthalate	0.808	0.0416	"	1.25		64.9	26-136				
Diphenylamine	0.969	0.0830	"	1.25		77.8	40-140				
Fluoranthene	0.709	0.0416	"	1.25		56.9	33-122				
Fluorene	0.717	0.0416	"	1.25		57.6	29-123				
Hexachlorobenzene	0.773	0.0416	"	1.25		62.1	21-124				
Hexachlorobutadiene	1.04	0.0416	"	1.25		83.1	10-149				
Hexachlorocyclopentadiene	0.773	0.0416	"	1.25		62.0	10-129				
Hexachloroethane	0.682	0.0416	"	1.25		54.7	28-108				
Indeno(1,2,3-cd)pyrene	0.914	0.0416	"	1.25		73.3	10-135				
Isophorone	0.726	0.0416	"	1.25		58.3	20-132				
Naphthalene	0.702	0.0416	"	1.25		56.4	23-124				
Nitrobenzene	0.756	0.0416	"	1.25		60.7	13-132				
N-Nitrosodimethylamine	0.464	0.0416	"	1.25		37.3	11-129				
N-nitroso-di-n-propylamine	0.597	0.0416	"	1.25		47.9	24-119				
N-Nitrosodiphenylamine	0.945	0.0416	"	1.25		75.8	22-152				
Pentachlorophenol	0.825	0.0416	"	1.25		66.2	10-139				
Phenanthrene	0.682	0.0416	"	1.25		54.7	33-123				
Phenol	0.661	0.0416	"	1.25		53.1	23-115				
Pyrene	0.737	0.0416	"	1.25		59.1	32-130				
Surrogate: SURR: 2-Fluorophenol	*1.42*		"	*1.66*		*85.8*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.35*		"	*1.66*		*81.5*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.944*		"	*0.831*		*114*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.889*		"	*0.831*		*107*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*2.89*		"	*1.66*		*174*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*1.06*		"	*0.831*		*128*	*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 BJ41738 - EPA 3550C											
Matrix Spike (BJ41738-MS1)	*Source sample: 24J1510-10 (Richmond Composite Top Soil)							Prepared: 10/25/2024 Analyzed: 10/28/2024			
1,1-Biphenyl	0.375	0.0885	mg/kg dry	0.885	ND	42.4	10-130				
1,2,4,5-Tetrachlorobenzene	0.365	0.177	"	0.885	ND	41.2	10-133				
1,2,4-Trichlorobenzene	0.374	0.0885	"	1.33	ND	28.2	10-127				
1,2-Dichlorobenzene	0.396	0.0885	"	1.33	ND	29.9	14-111				
1,2-Diphenylhydrazine (as Azobenzene)	0.457	0.0885	"	1.33	ND	34.4	10-144				
1,3-Dichlorobenzene	0.358	0.0885	"	1.33	ND	27.0	11-111				
1,4-Dichlorobenzene	0.365	0.0885	"	1.33	ND	27.5	10-106				
2,3,4,6-Tetrachlorophenol	0.528	0.177	"	1.33	ND	39.8	30-130				
2,4,5-Trichlorophenol	0.464	0.0885	"	1.33	ND	35.0	10-127				
2,4,6-Trichlorophenol	0.457	0.0885	"	1.33	ND	34.5	10-132				
2,4-Dichlorophenol	0.535	0.0885	"	1.33	ND	40.3	10-128				
2,4-Dimethylphenol	0.558	0.0885	"	1.33	ND	42.1	10-137				
2,4-Dinitrophenol	0.237	0.177	"	1.33	ND	17.9	10-171				
2,4-Dinitrotoluene	0.491	0.0885	"	1.33	ND	37.0	16-135				
2,6-Dinitrotoluene	0.445	0.0885	"	1.33	ND	33.5	18-131				
2-Chloronaphthalene	0.416	0.0885	"	1.33	ND	31.4	10-129				
2-Chlorophenol	0.447	0.0885	"	1.33	ND	33.7	15-116				
2-Methylnaphthalene	0.466	0.0885	"	1.33	ND	35.1	10-147				
2-Methylphenol	0.545	0.0885	"	1.33	ND	41.1	10-136				
2-Nitroaniline	0.500	0.177	"	1.33	ND	37.7	10-137				
2-Nitrophenol	0.432	0.0885	"	1.33	ND	32.5	10-129				
3- & 4-Methylphenols	0.535	0.0885	"	1.33	ND	40.3	10-123				
3,3-Dichlorobenzidine	ND	0.0885	"	0.885	ND		10-155	Low Bias			
3-Nitroaniline	0.239	0.177	"	1.33	ND	18.0	12-133				
4,6-Dinitro-2-methylphenol	0.345	0.177	"	1.33	ND	26.0	10-155				
4-Bromophenyl phenyl ether	0.377	0.0885	"	1.33	ND	28.4	14-128				
4-Chloro-3-methylphenol	0.641	0.0885	"	1.33	ND	48.3	10-134				
4-Chloroaniline	0.251	0.0885	"	1.33	ND	18.9	10-145				
4-Chlorophenyl phenyl ether	0.404	0.0885	"	1.33	ND	30.5	14-130				
4-Nitroaniline	0.208	0.177	"	1.33	ND	15.7	10-147				
4-Nitrophenol	0.544	0.177	"	1.33	ND	41.0	10-137				
Acenaphthene	0.425	0.0885	"	1.33	ND	32.1	10-146				
Acenaphthylene	0.452	0.0885	"	1.33	ND	34.0	10-134				
Acetophenone	0.515	0.0885	"	0.885	ND	58.2	10-116				
Aniline	ND	0.355	"	1.33	ND		10-123	Low Bias			
Anthracene	0.488	0.0885	"	1.33	0.0557	32.5	10-142				
Atrazine	0.481	0.0885	"	0.885	ND	54.3	19-115				
Benzaldehyde	0.527	0.0885	"	0.885	ND	59.6	10-125				
Benzo(a)anthracene	0.641	0.0885	"	1.33	0.159	36.3	10-158				
Benzo(a)pyrene	0.687	0.0885	"	1.33	0.127	42.2	10-180				
Benzo(b)fluoranthene	0.697	0.0885	"	1.33	0.126	43.0	10-200				
Benzo(g,h,i)perylene	0.785	0.0885	"	1.33	0.0705	53.8	10-138				
Benzo(k)fluoranthene	0.697	0.0885	"	1.33	0.128	42.9	10-197				
Benzoic acid	1.19	0.0885	"	0.885	ND	135	10-166				
Benzyl alcohol	0.530	0.0885	"	1.33	ND	39.9	12-124				
Benzyl butyl phthalate	0.453	0.0885	"	1.33	ND	34.1	10-154				
Bis(2-chloroethoxy)methane	0.478	0.0885	"	1.33	ND	36.0	10-132				
Bis(2-chloroethyl)ether	0.469	0.0885	"	1.33	ND	35.3	10-119				
Bis(2-chloroisopropyl)ether	0.319	0.0885	"	1.33	ND	24.0	10-139				
Bis(2-ethylhexyl)phthalate	0.505	0.0885	"	1.33	0.159	26.0	10-167				
Caprolactam	0.701	0.177	"	0.885	ND	79.2	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 BJ41738 - EPA 3550C											
Matrix Spike (BJ41738-MS1)	*Source sample: 24J1510-10 (Richmond Composite Top Soil)							Prepared: 10/25/2024 Analyzed: 10/28/2024			
Carbazole	0.534	0.0885	mg/kg dry	1.33	0.0444	36.9	10-167				
Chrysene	0.650	0.0885	"	1.33	0.178	35.6	10-156				
Dibenzo(a,h)anthracene	0.540	0.0885	"	1.33	ND	40.7	10-137				
Dibenzofuran	0.457	0.0885	"	1.33	ND	34.5	10-147				
Diethyl phthalate	0.429	0.0885	"	1.33	ND	32.3	20-120				
Dimethyl phthalate	0.446	0.0885	"	1.33	ND	33.6	18-131				
Di-n-butyl phthalate	0.449	0.0885	"	1.33	ND	33.9	10-137				
Di-n-octyl phthalate	0.527	0.0885	"	1.33	ND	39.7	10-180				
Diphenylamine	0.524	0.177	"	1.33	ND	39.5	40-140	Low Bias			
Fluoranthene	0.947	0.0885	"	1.33	0.502	33.6	10-160				
Fluorene	0.478	0.0885	"	1.33	ND	36.0	10-157				
Hexachlorobenzene	0.425	0.0885	"	1.33	ND	32.0	10-137				
Hexachlorobutadiene	0.340	0.0885	"	1.33	ND	25.6	10-132				
Hexachlorocyclopentadiene	ND	0.0885	"	1.33	ND		10-106	Low Bias			
Hexachloroethane	0.353	0.0885	"	1.33	ND	26.6	10-110				
Indeno(1,2,3-cd)pyrene	0.739	0.0885	"	1.33	0.0769	49.9	10-144				
Isophorone	0.496	0.0885	"	1.33	ND	37.4	10-132				
Naphthalene	0.476	0.0885	"	1.33	ND	35.8	10-141				
Nitrobenzene	0.455	0.0885	"	1.33	ND	34.3	10-131				
N-Nitrosodimethylamine	0.351	0.0885	"	1.33	ND	26.5	10-126				
N-nitroso-di-n-propylamine	0.493	0.0885	"	1.33	ND	37.2	10-125				
N-Nitrosodiphenylamine	0.541	0.0885	"	1.33	ND	40.7	10-177				
Pentachlorophenol	0.381	0.0885	"	1.33	ND	28.7	10-153				
Phenanthrene	0.674	0.0885	"	1.33	0.207	35.2	10-148				
Phenol	0.476	0.0885	"	1.33	ND	35.8	10-126				
Pyrene	0.667	0.0885	"	1.33	0.286	28.7	10-165				
Surrogate: SURR: 2-Fluorophenol	*0.879*		"	*1.77*		*49.7*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.05*		"	*1.77*		*59.6*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.545*		"	*0.885*		*61.6*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.440*		"	*0.885*		*49.7*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.878*		"	*1.77*		*49.6*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.392*		"	*0.885*		*44.3*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41738 - EPA 3550C											
Matrix Spike Dup (BJ41738-MSD1)	*Source sample: 24J1510-10 (Richmond Composite Top Soil)								Prepared: 10/25/2024 Analyzed: 10/28/2024		
1,1-Biphenyl	0.414	0.0871	mg/kg dry	0.870	ND	47.5	10-130		9.75	30	
1,2,4,5-Tetrachlorobenzene	0.357	0.174	"	0.870	ND	41.0	10-133		2.23	30	
1,2,4-Trichlorobenzene	0.410	0.0871	"	1.31	ND	31.4	10-127		9.10	30	
1,2-Dichlorobenzene	0.461	0.0871	"	1.31	ND	35.3	14-111		15.1	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.494	0.0871	"	1.31	ND	37.9	10-144		7.96	30	
1,3-Dichlorobenzene	0.409	0.0871	"	1.31	ND	31.3	11-111		13.2	30	
1,4-Dichlorobenzene	0.411	0.0871	"	1.31	ND	31.5	10-106		11.9	30	
2,3,4,6-Tetrachlorophenol	0.609	0.174	"	1.31	ND	46.7	30-130		14.3	30	
2,4,5-Trichlorophenol	0.533	0.0871	"	1.31	ND	40.9	10-127		13.8	30	
2,4,6-Trichlorophenol	0.508	0.0871	"	1.31	ND	38.9	10-132		10.4	30	
2,4-Dichlorophenol	0.549	0.0871	"	1.31	ND	42.1	10-128		2.63	30	
2,4-Dimethylphenol	0.576	0.0871	"	1.31	ND	44.1	10-137		3.06	30	
2,4-Dinitrophenol	0.358	0.174	"	1.31	ND	27.4	10-171		40.6	30	Non-dir.
2,4-Dinitrotoluene	0.527	0.0871	"	1.31	ND	40.4	16-135		7.04	30	
2,6-Dinitrotoluene	0.530	0.0871	"	1.31	ND	40.6	18-131		17.5	30	
2-Chloronaphthalene	0.452	0.0871	"	1.31	ND	34.6	10-129		8.22	30	
2-Chlorophenol	0.529	0.0871	"	1.31	ND	40.5	15-116		16.9	30	
2-Methylnaphthalene	0.499	0.0871	"	1.31	ND	38.2	10-147		6.79	30	
2-Methylphenol	0.620	0.0871	"	1.31	ND	47.5	10-136		12.9	30	
2-Nitroaniline	0.554	0.174	"	1.31	ND	42.5	10-137		10.3	30	
2-Nitrophenol	0.520	0.0871	"	1.31	ND	39.8	10-129		18.6	30	
3- & 4-Methylphenols	0.568	0.0871	"	1.31	ND	43.5	10-123		5.99	30	
3,3-Dichlorobenzidine	ND	0.0871	"	0.870	ND		10-155	Low Bias		30	
3-Nitroaniline	0.198	0.174	"	1.31	ND	15.2	12-133		18.3	30	
4,6-Dinitro-2-methylphenol	0.386	0.174	"	1.31	ND	29.6	10-155		11.4	30	
4-Bromophenyl phenyl ether	0.430	0.0871	"	1.31	ND	33.0	14-128		13.1	30	
4-Chloro-3-methylphenol	0.706	0.0871	"	1.31	ND	54.1	10-134		9.61	30	
4-Chloroaniline	0.224	0.0871	"	1.31	ND	17.1	10-145		11.7	30	
4-Chlorophenyl phenyl ether	0.434	0.0871	"	1.31	ND	33.3	14-130		7.23	30	
4-Nitroaniline	0.145	0.174	"	1.31	ND	11.1	10-147		35.9	30	Non-dir.
4-Nitrophenol	0.619	0.174	"	1.31	ND	47.4	10-137		12.8	30	
Acenaphthene	0.457	0.0871	"	1.31	ND	35.0	10-146		7.11	30	
Acenaphthylene	0.497	0.0871	"	1.31	ND	38.1	10-134		9.60	30	
Acetophenone	0.587	0.0871	"	0.870	ND	67.4	10-116		13.1	30	
Aniline	ND	0.349	"	1.31	ND		10-123	Low Bias		30	
Anthracene	0.518	0.0871	"	1.31	0.0557	35.4	10-142		6.04	30	
Atrazine	0.558	0.0871	"	0.870	ND	64.1	19-115		14.9	30	
Benzaldehyde	0.584	0.0871	"	0.870	ND	67.1	10-125		10.2	30	
Benzo(a)anthracene	0.629	0.0871	"	1.31	0.159	36.0	10-158		1.86	30	
Benzo(a)pyrene	0.111	0.0871	"	1.31	0.127	NR	10-180	Low Bias	145	30	Non-dir.
Benzo(b)fluoranthene	0.698	0.0871	"	1.31	0.126	43.8	10-200		0.171	30	
Benzo(g,h,i)perylene	0.690	0.0871	"	1.31	0.0705	47.4	10-138		12.9	30	
Benzo(k)fluoranthene	0.655	0.0871	"	1.31	0.128	40.4	10-197		6.11	30	
Benzoic acid	1.42	0.0871	"	0.870	ND	163	10-166		17.0	30	
Benzyl alcohol	0.599	0.0871	"	1.31	ND	45.9	12-124		12.2	30	
Benzyl butyl phthalate	0.521	0.0871	"	1.31	ND	39.9	10-154		13.9	30	
Bis(2-chloroethoxy)methane	0.507	0.0871	"	1.31	ND	38.8	10-132		5.92	30	
Bis(2-chloroethyl)ether	0.570	0.0871	"	1.31	ND	43.6	10-119		19.5	30	
Bis(2-chloroisopropyl)ether	0.359	0.0871	"	1.31	ND	27.5	10-139		12.0	30	
Bis(2-ethylhexyl)phthalate	0.551	0.0871	"	1.31	0.159	30.0	10-167		8.73	30	
Caprolactam	0.783	0.174	"	0.870	ND	90.0	10-132		11.1	30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41738 - EPA 3550C											
Matrix Spike Dup (BJ41738-MSD1)	*Source sample: 24J1510-10 (Richmond Composite Top Soil)								Prepared: 10/25/2024 Analyzed: 10/28/2024		
Carbazole	0.574	0.0871	mg/kg dry	1.31	0.0444	40.5	10-167		7.23	30	
Chrysene	0.637	0.0871	"	1.31	0.178	35.2	10-156		2.08	30	
Dibenzo(a,h)anthracene	0.485	0.0871	"	1.31	ND	37.1	10-137		10.8	30	
Dibenzofuran	0.485	0.0871	"	1.31	ND	37.2	10-147		5.95	30	
Diethyl phthalate	0.476	0.0871	"	1.31	ND	36.4	20-120		10.3	30	
Dimethyl phthalate	0.467	0.0871	"	1.31	ND	35.8	18-131		4.66	30	
Di-n-butyl phthalate	0.487	0.0871	"	1.31	ND	37.3	10-137		8.10	30	
Di-n-octyl phthalate	0.589	0.0871	"	1.31	ND	45.1	10-180		11.2	30	
Diphenylamine	0.565	0.174	"	1.31	ND	43.3	40-140		7.52	30	
Fluoranthene	0.872	0.0871	"	1.31	0.502	28.4	10-160		8.20	30	
Fluorene	0.517	0.0871	"	1.31	ND	39.6	10-157		7.82	30	
Hexachlorobenzene	0.454	0.0871	"	1.31	ND	34.8	10-137		6.67	30	
Hexachlorobutadiene	0.368	0.0871	"	1.31	ND	28.2	10-132		8.07	30	
Hexachlorocyclopentadiene	ND	0.0871	"	1.31	ND		10-106	Low Bias		30	
Hexachloroethane	0.375	0.0871	"	1.31	ND	28.7	10-110		5.88	30	
Indeno(1,2,3-cd)pyrene	0.647	0.0871	"	1.31	0.0769	43.7	10-144		13.3	30	
Isophorone	0.540	0.0871	"	1.31	ND	41.4	10-132		8.52	30	
Naphthalene	0.509	0.0871	"	1.31	ND	39.0	10-141		6.77	30	
Nitrobenzene	0.494	0.0871	"	1.31	ND	37.9	10-131		8.27	30	
N-Nitrosodimethylamine	0.369	0.0871	"	1.31	ND	28.3	10-126		4.99	30	
N-nitroso-di-n-propylamine	0.572	0.0871	"	1.31	ND	43.8	10-125		14.7	30	
N-Nitrosodiphenylamine	0.559	0.0871	"	1.31	ND	42.8	10-177		3.34	30	
Pentachlorophenol	0.496	0.0871	"	1.31	ND	38.0	10-153		26.4	30	
Phenanthrene	0.685	0.0871	"	1.31	0.207	36.6	10-148		1.66	30	
Phenol	0.540	0.0871	"	1.31	ND	41.4	10-126		12.7	30	
Pyrene	0.709	0.0871	"	1.31	0.286	32.4	10-165		6.01	30	
Surrogate: SURR: 2-Fluorophenol	*0.962*		"	*1.74*		*55.3*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.19*		"	*1.74*		*68.6*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.587*		"	*0.870*		*67.4*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.478*		"	*0.870*		*55.0*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.998*		"	*1.74*		*57.4*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.478*		"	*0.870*		*54.9*	*24-116*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41621 - EPA SW846-3510C Low Level											
Blank (BJ41621-BLK1)									Prepared & Analyzed: 10/24/2024		
4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
Chlordane, total	ND	0.0200	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								
Surrogate: Decachlorobiphenyl	*0.0661*		*"*	*0.200*		*33.1*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0722*		*"*	*0.200*		*36.1*	*30-150*				
LCS (BJ41621-BS1)									Prepared: 10/24/2024 Analyzed: 10/25/2024		
4,4'-DDD	0.0696	0.00400	ug/L	0.100		69.6	40-140				
4,4'-DDE	0.0699	0.00400	"	0.100		69.9	40-140				
4,4'-DDT	0.0878	0.00400	"	0.100		87.8	40-140				
Aldrin	0.0610	0.00400	"	0.100		61.0	40-140				
alpha-BHC	0.0719	0.00400	"	0.100		71.9	40-140				
alpha-Chlordane	0.0661	0.00400	"	0.100		66.1	40-140				
beta-BHC	0.0797	0.00400	"	0.100		79.7	40-140				
delta-BHC	0.0632	0.00400	"	0.100		63.2	40-140				
Dieldrin	0.0750	0.00200	"	0.100		75.0	40-140				
Endosulfan I	0.0715	0.00400	"	0.100		71.5	40-140				
Endosulfan II	0.0789	0.00400	"	0.100		78.9	40-140				
Endosulfan sulfate	0.0686	0.00400	"	0.100		68.6	40-140				
Endrin	0.0867	0.00400	"	0.100		86.7	40-140				
Endrin aldehyde	0.0808	0.0100	"	0.100		80.8	40-140				
Endrin ketone	0.0748	0.0100	"	0.100		74.8	40-140				
gamma-BHC (Lindane)	0.0772	0.00400	"	0.100		77.2	40-140				
gamma-Chlordane	0.0668	0.0100	"	0.100		66.8	40-140				
Heptachlor	0.0753	0.00400	"	0.100		75.3	40-140				
Heptachlor epoxide	0.0722	0.00400	"	0.100		72.2	40-140				
Methoxychlor	0.0879	0.00400	"	0.100		87.9	40-140				
Surrogate: Decachlorobiphenyl	*0.0899*		*"*	*0.200*		*44.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.154*		*"*	*0.200*		*77.1*	*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 BJ41621 - EPA SW846-3510C Low Level											
LCS Dup (BJ41621-BSD1)								Prepared: 10/24/2024 Analyzed: 10/25/2024			
4,4'-DDD	0.0743	0.00400	ug/L	0.100		74.3	40-140		6.62	20	
4,4'-DDE	0.0723	0.00400	"	0.100		72.3	40-140		3.29	20	
4,4'-DDT	0.0923	0.00400	"	0.100		92.3	40-140		4.99	20	
Aldrin	0.0626	0.00400	"	0.100		62.6	40-140		2.59	20	
alpha-BHC	0.0753	0.00400	"	0.100		75.3	40-140		4.67	20	
alpha-Chlordane	0.0693	0.00400	"	0.100		69.3	40-140		4.80	20	
beta-BHC	0.106	0.00400	"	0.100		106	40-140		28.7	20	Non-dir.
delta-BHC	0.0674	0.00400	"	0.100		67.4	40-140		6.42	20	
Dieldrin	0.0783	0.00200	"	0.100		78.3	40-140		4.29	20	
Endosulfan I	0.0748	0.00400	"	0.100		74.8	40-140		4.48	20	
Endosulfan II	0.0833	0.00400	"	0.100		83.3	40-140		5.43	20	
Endosulfan sulfate	0.0723	0.00400	"	0.100		72.3	40-140		5.28	20	
Endrin	0.0916	0.00400	"	0.100		91.6	40-140		5.55	20	
Endrin aldehyde	0.0885	0.0100	"	0.100		88.5	40-140		9.05	20	
Endrin ketone	0.0791	0.0100	"	0.100		79.1	40-140		5.59	20	
gamma-BHC (Lindane)	0.0815	0.00400	"	0.100		81.5	40-140		5.42	20	
gamma-Chlordane	0.0713	0.0100	"	0.100		71.3	40-140		6.44	20	
Heptachlor	0.0785	0.00400	"	0.100		78.5	40-140		4.12	20	
Heptachlor epoxide	0.0765	0.00400	"	0.100		76.5	40-140		5.87	20	
Methoxychlor	0.0935	0.00400	"	0.100		93.5	40-140		6.21	20	
Surrogate: Decachlorobiphenyl	*0.0907*		*"*	*0.200*		*45.3*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.157*		*"*	*0.200*		*78.4*	*30-150*				
Batch BJ41861 - EPA 3550C											
Blank (BJ41861-BLK1)								Prepared: 10/28/2024 Analyzed: 10/29/2024			
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
Chlordane, total	ND	0.0329	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Surrogate: Decachlorobiphenyl	*0.0343*		*"*	*0.0664*		*51.7*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0495*		*"*	*0.0664*		*74.5*	*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 BJ41861 - EPA 3550C											
LCS (BJ41861-BS1)									Prepared: 10/28/2024 Analyzed: 10/29/2024		
4,4'-DDD	0.0228	0.00164	mg/kg wet	0.0332		68.6	40-140				
4,4'-DDE	0.0251	0.00164	"	0.0332		75.6	40-140				
4,4'-DDT	0.0257	0.00164	"	0.0332		77.5	40-140				
Aldrin	0.0252	0.00164	"	0.0332		75.7	40-140				
alpha-BHC	0.0262	0.00164	"	0.0332		78.9	40-140				
alpha-Chlordane	0.0257	0.00164	"	0.0332		77.2	40-140				
beta-BHC	0.0303	0.00164	"	0.0332		91.3	40-140				
delta-BHC	0.0219	0.00164	"	0.0332		66.0	40-140				
Dieldrin	0.0248	0.00164	"	0.0332		74.7	40-140				
Endosulfan I	0.0264	0.00164	"	0.0332		79.4	40-140				
Endosulfan II	0.0254	0.00164	"	0.0332		76.6	40-140				
Endosulfan sulfate	0.0202	0.00164	"	0.0332		60.9	40-140				
Endrin	0.0263	0.00164	"	0.0332		79.1	40-140				
Endrin aldehyde	0.0217	0.00164	"	0.0332		65.2	40-140				
Endrin ketone	0.0241	0.00164	"	0.0332		72.5	40-140				
gamma-BHC (Lindane)	0.0262	0.00164	"	0.0332		78.8	40-140				
gamma-Chlordane	0.0255	0.00164	"	0.0332		76.7	40-140				
Heptachlor	0.0269	0.00164	"	0.0332		80.8	40-140				
Heptachlor epoxide	0.0264	0.00164	"	0.0332		79.3	40-140				
Methoxychlor	0.0272	0.00164	"	0.0332		82.0	40-140				
Surrogate: Decachlorobiphenyl	*0.0336*		*"*	*0.0664*		*50.6*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0492*		*"*	*0.0664*		*74.1*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41621 - EPA SW846-3510C Low Level											
Blank (BJ41621-BLK2)								Prepared & Analyzed: 10/24/2024			
Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	*0.0780*		"	*0.200*		*39.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0710*		"	*0.200*		*35.5*	*30-120*				
LCS (BJ41621-BS2)								Prepared & Analyzed: 10/24/2024			
Aroclor 1016	0.557	0.0500	ug/L	1.00		55.7	40-120				
Aroclor 1260	0.613	0.0500	"	1.00		61.3	40-120				
Surrogate: Tetrachloro-m-xylene	*0.0860*		"	*0.200*		*43.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0860*		"	*0.200*		*43.0*	*30-120*				
LCS Dup (BJ41621-BSD2)								Prepared & Analyzed: 10/24/2024			
Aroclor 1016	0.528	0.0500	ug/L	1.00		52.8	40-120		5.42	30	
Aroclor 1260	0.575	0.0500	"	1.00		57.5	40-120		6.43	30	
Surrogate: Tetrachloro-m-xylene	*0.0910*		"	*0.200*		*45.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0590*		"	*0.200*		*29.5*	*30-120*				
Batch BJ41861 - EPA 3550C											
Blank (BJ41861-BLK2)								Prepared: 10/28/2024 Analyzed: 10/29/2024			
Aroclor 1016	ND	0.0167	mg/kg wet								
Aroclor 1221	ND	0.0167	"								
Aroclor 1232	ND	0.0167	"								
Aroclor 1242	ND	0.0167	"								
Aroclor 1248	ND	0.0167	"								
Aroclor 1254	ND	0.0167	"								
Aroclor 1260	ND	0.0167	"								
Total PCBs	ND	0.0167	"								
Surrogate: Tetrachloro-m-xylene	*0.0503*		"	*0.0667*		*75.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0407*		"	*0.0667*		*61.0*	*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
Batch BJ41861 - EPA 3550C											
LCS (BJ41861-BS2)											
Prepared: 10/28/2024 Analyzed: 10/29/2024											
Aroclor 1016	0.237	0.0166	mg/kg wet	0.332		71.3	40-130				
Aroclor 1260	0.256	0.0166	"	0.332		77.1	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0455*		*"*	*0.0664*		*68.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0385*		*"*	*0.0664*		*58.0*	*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 BJ41796 - EPA 3550C/8151A											
Blank (BJ41796-BLK1)									Prepared: 10/26/2024 Analyzed: 10/27/2024		
2,4,5-T	ND	0.0199	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0199	"								
2,4-D	ND	0.0199	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.310*		*"*	*0.415*		*74.6*	*21-150*				
LCS (BJ41796-BS1)									Prepared: 10/26/2024 Analyzed: 10/27/2024		
2,4,5-T	0.0532	0.0199	mg/kg wet	0.0664		80.0	10-120				
2,4,5-TP (Silvex)	0.0606	0.0199	"	0.0664		91.2	10-120				
2,4-D	0.0540	0.0199	"	0.0664		81.2	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.355*		*"*	*0.415*		*85.6*	*21-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41820 - EPA 3050B											
Blank (BJ41820-BLK1)											Prepared: 10/27/2024 Analyzed: 10/28/2024
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	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								
Reference (BJ41820-SRM1)											Prepared: 10/27/2024 Analyzed: 10/28/2024
Aluminum	7470	4.17	mg/kg wet	7680		97.2	35.7-119				
Antimony	68.0	2.08	"	244		27.9	0-99.5				
Arsenic	252	1.25	"	283		89.1	69.9-101.4				
Barium	286	2.08	"	326		87.7	73.9-107.1				
Beryllium	173	0.042	"	175		98.9	75.4-107.4				
Cadmium	79.2	0.250	"	95.8		82.7	72.3-103.7				
Calcium	5710	4.17	"	5470		104	79.5-113.2				
Chromium	204	0.417	"	239		85.5	72.4-106.3				
Cobalt	140	0.333	"	150		93.0	76-107.3				
Copper	210	1.67	"	217		96.6	74.7-105.1				
Iron	7660	20.8	"	7360		104	53-127.9				
Lead	209	0.417	"	210		99.3	75.7-109.5				
Magnesium	1930	4.17	"	2080		92.8	67.3-111.1				
Manganese	273	0.417	"	290		94.2	73.4-108.3				
Nickel	297	0.830	"	329		90.2	74.5-106.7				
Potassium	2420	4.17	"	2330		104	60.9-111.6				
Selenium	271	2.08	"	281		96.3	77.6-116.7				
Silver	77.8	0.420	"	82.7		94.1	73.7-111.7				
Sodium	422	41.7	"	427		98.8	71.2-118.7				
Thallium	116	2.08	"	123		93.9	70.2-104.8				
Vanadium	166	0.830	"	192		86.4	68.8-107.8				
Zinc	227	2.08	"	260		87.1	72.7-109.2				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41838 - EPA 3015A											
Blank (BJ41838-BLK1)											Prepared: 10/28/2024 Analyzed: 10/29/2024
Aluminum	ND	0.056	mg/L								
Antimony	ND	0.028	"								
Arsenic	ND	0.017	"								
Barium	ND	0.028	"								
Beryllium	ND	0.0006	"								
Cadmium	ND	0.003	"								
Calcium	ND	0.056	"								
Chromium	ND	0.006	"								
Cobalt	ND	0.004	"								
Copper	ND	0.022	"								
Iron	ND	0.278	"								
Lead	ND	0.006	"								
Magnesium	ND	0.056	"								
Manganese	ND	0.006	"								
Nickel	ND	0.011	"								
Potassium	ND	0.056	"								
Selenium	ND	0.028	"								
Silver	ND	0.006	"								
Sodium	ND	0.556	"								
Thallium	ND	0.028	"								
Vanadium	ND	0.011	"								
Zinc	ND	0.028	"								
LCS (BJ41838-BS1)											Prepared: 10/28/2024 Analyzed: 10/29/2024
Aluminum	1.79		ug/mL	2.00		89.6	80-120				
Antimony	0.240		"	0.250		96.1	80-120				
Arsenic	1.80		"	2.00		90.0	80-120				
Barium	1.93		"	2.00		96.3	80-120				
Beryllium	0.047		"	0.0500		93.8	80-120				
Cadmium	0.047		"	0.0500		93.6	80-120				
Calcium	0.864		"	1.00		86.4	80-120				
Chromium	0.194		"	0.200		96.8	80-120				
Cobalt	0.493		"	0.500		98.7	80-120				
Copper	0.250		"	0.250		99.8	80-120				
Iron	0.937		"	1.00		93.7	80-120				
Lead	0.458		"	0.500		91.6	80-120				
Magnesium	0.919		"	1.00		91.9	80-120				
Manganese	0.488		"	0.500		97.6	80-120				
Nickel	0.506		"	0.500		101	80-120				
Potassium	0.911		"	1.00		91.1	80-120				
Selenium	1.73		"	2.00		86.3	80-120				
Silver	0.046		"	0.0500		92.0	80-120				
Sodium	1.06		"	1.00		106	80-120				
Thallium	1.91		"	2.00		95.6	80-120				
Vanadium	0.482		"	0.500		96.3	80-120				
Zinc	0.458		"	0.500		91.5	80-120				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK40432 - EPA 3015A/1311											
Blank (BK40432-BLK1)									Prepared: 11/07/2024 Analyzed: 11/08/2024		
Copper	ND	0.0222	mg/L								
Lead	ND	0.00556	"								
Zinc	ND	0.0278	"								
LCS (BK40432-BS1)									Prepared: 11/07/2024 Analyzed: 11/08/2024		
Copper	0.244		ug/mL	0.250		97.8	80-120				
Lead	0.494		"	0.500		98.7	80-120				
Zinc	0.508		"	0.500		102	80-120				
Duplicate (BK40432-DUP1)	*Source sample: 24J1510-17 (SB-15_3 ft)								Prepared: 11/07/2024 Analyzed: 11/08/2024		
Copper	66.0	0.500	mg/L		67.8				2.62	20	
Lead	19.1	0.125	"		19.3				1.04	20	
Zinc	23.8	0.625	"		24.5				3.02	20	
Leach Fluid Blank (BK40432-LBK1)									Prepared: 11/07/2024 Analyzed: 11/08/2024		
Copper	ND	0.500	mg/L								
Lead	ND	0.125	"								
Zinc	ND	0.625	"								
Matrix Spike (BK40432-MS1)	*Source sample: 24J1510-17 (SB-15_3 ft)								Prepared: 11/07/2024 Analyzed: 11/08/2024		
Copper	96.5	0.500	mg/L	6.25	67.8	459	75-125	High Bias			
Lead	35.9	0.125	"	12.5	19.3	133	75-125	High Bias			
Zinc	42.4	0.625	"	12.5	24.5	143	75-125	High Bias			
Post Spike (BK40432-PS1)	*Source sample: 24J1510-17 (SB-15_3 ft)								Prepared: 11/07/2024 Analyzed: 11/08/2024		
Copper	2.95		ug/mL	0.250	2.71	93.6	75-125				
Lead	1.29		"	0.500	0.771	103	75-125				
Zinc	1.55		"	0.500	0.980	114	75-125				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41798 - EPA 7473 soil											
Blank (BJ41798-BLK1)								Prepared: 10/26/2024 Analyzed: 10/29/2024			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BJ41798-DUP1)	*Source sample: 24J1510-04 (Paige Avenue Composite Mulch)							Prepared: 10/26/2024 Analyzed: 10/29/2024			
Mercury	0.138	0.0451	mg/kg dry		0.137				0.875	35	
Matrix Spike (BJ41798-MS1)	*Source sample: 24J1510-04 (Paige Avenue Composite Mulch)							Prepared: 10/26/2024 Analyzed: 10/29/2024			
Mercury	0.639		mg/kg	0.500	0.0910	110	75-125				
Reference (BJ41798-SRM1)								Prepared: 10/26/2024 Analyzed: 10/29/2024			
Mercury	15.669		mg/kg	18.2		86.1	59.9-140.1				
Batch BJ41868 - EPA SW846-7470A											
Blank (BJ41868-BLK1)								Prepared & Analyzed: 10/28/2024			
Mercury	ND	0.0002	mg/L								
Blank (BJ41868-BLK2)								Prepared & Analyzed: 10/28/2024			
Mercury	ND	0.0002	mg/L								
LCS (BJ41868-BS1)								Prepared & Analyzed: 10/28/2024			
Mercury	0.0019880	0.0002	mg/L	0.00200		99.4	80-120				
LCS (BJ41868-BS2)								Prepared & Analyzed: 10/28/2024			
Mercury	0.0019048	0.0002	mg/L	0.00200		95.2	80-120				
Batch BJ41986 - EPA 7473 soil											
Blank (BJ41986-BLK1)								Prepared & Analyzed: 10/29/2024			
Mercury	ND	0.0300	mg/kg wet								

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41986 - EPA 7473 soil											
Duplicate (BJ41986-DUP1)	*Source sample: 24J1510-03 (Paige Avenue Composite Top Soil)								Prepared & Analyzed: 10/29/2024		
Mercury	0.0906	0.0331	mg/kg dry		0.0821				9.84	35	
Matrix Spike (BJ41986-MS1)	*Source sample: 24J1510-03 (Paige Avenue Composite Top Soil)								Prepared & Analyzed: 10/29/2024		
Mercury	0.799		mg/kg	0.500	0.0744	145	75-125	High Bias			
Reference (BJ41986-SRM1)									Prepared & Analyzed: 10/29/2024		
Mercury	22.690		mg/kg	18.2		125	59.9-140.1				
Batch BK40251 - EPA SW846-7470A											
Blank (BK40251-BLK1)									Prepared & Analyzed: 11/05/2024		
Mercury	ND	0.000200	mg/L								
Blank (BK40251-BLK2)									Prepared & Analyzed: 11/05/2024		
Mercury	ND	0.000200	mg/L								
LCS (BK40251-BS1)									Prepared & Analyzed: 11/05/2024		
Mercury	0.00211	0.000200	mg/L	0.00200		105	80-120				
LCS (BK40251-BS2)									Prepared & Analyzed: 11/05/2024		
Mercury	0.00219	0.000200	mg/L	0.00200		110	80-120				
Leach Fluid Blank (BK40251-LBK1)									Prepared & Analyzed: 11/05/2024		
Mercury	ND	0.000200	mg/L								

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41638 - % Solids Prep											
Duplicate (BJ41638-DUP1)	*Source sample: 24J1510-10 (Richmond Composite Top Soil)								Prepared & Analyzed: 10/24/2024		
% Solids	93.5	0.100	%		93.6				0.0903	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
Batch BJ42211 - EPA SW 846-1311 TCLP ext. for metals											
Blank (BJ42211-BLK1)									Prepared: 10/31/2024 Analyzed: 11/01/2024		
TCLP Extraction	Completed	1.00	N/A								
Batch BK40060 - EPA SW 846-1311 TCLP ext. for metals											
Blank (BK40060-BLK1)									Prepared: 11/01/2024 Analyzed: 11/02/2024		
TCLP Extraction	Completed	1.00	N/A								

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24J1510-01	SB-1_6 in_Top Soil	40mL Vial with Stir Bar-Cool 4° C
24J1510-02	SB-4_2 in_Mulch	40mL Vial with Stir Bar-Cool 4° C
24J1510-05	SB-5_0 in-12 in	40mL Vial with Stir Bar-Cool 4° C
24J1510-06	SB-6_0 in-12 in	40mL Vial with Stir Bar-Cool 4° C
24J1510-07	SB-7_0 in-12 in	40mL Vial with Stir Bar-Cool 4° C
24J1510-08	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24J1510-11	SB-14_4 in_Top Soil	40mL Vial with Stir Bar-Cool 4° C
24J1510-12	SB-17_2 in_Mulch	40mL Vial with Stir Bar-Cool 4° C
24J1510-13	SB-18_4 in-5.5 ft	40mL Vial with Stir Bar-Cool 4° C
24J1510-14	SB-21_6 in-5.5 ft	40mL Vial with Stir Bar-Cool 4° C
24J1510-15	SB-23_4 in-6 ft	40mL Vial with Stir Bar-Cool 4° C
24J1510-16	SB-19_2 in-16 in	40mL Vial with Stir Bar-Cool 4° C
24J1510-17	SB-15_3 ft	40mL Vial with Stir Bar-Cool 4° C
24J1510-18	Equipment Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

VOA-CONT	Non-Compliant - the container(s) provided by the client for soil volatiles do not meet the requirements of EPA SW846-5035A. Results reported below 200 ug/kg may be biased low due to samples not being collected according to EPA SW846 5035A requirements.
S-GC	Two surrogates are used for this analysis. One surrogate recovered within control limits therefore the analysis is acceptable.
S-Alk	The surrogate recoveries for the acid surrogates in the sample recovered below control limits due to a highly alkaline matrix present in the sample. This is common when concrete or mixtures containing concrete or limestone are encountered.
S-08	The recovery of this surrogate was outside of QC limits.
QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
P	This qualifier indicates the compound detected exhibited greater than 40% between the quantitation and confirmatory columns.
M-SPKM	The spike recovery is not within acceptance windows due to sample non-homogeneity, or matrix interference.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
EXT-Temp	Extraction temperture slightly exceeded acceptance range.
EXT-COMP	Completed
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
BTL-X	NON-COMPLIANT - The sample was received in an improper container and/or with improper sampling techique.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis

Low Bias — Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

High Bias — High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. — Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Corrective Action: 2 stir-bar 40mL vials (samples 06- B and C) were received without any liquid mixed with the contained soil. LAM

Revision Description: This report has been revised to include TCLP Metals.

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

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

YORK Project No. 24J1510

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

YOUR Information	Report To:	Invoice To:
Company: Laurel Environmental	Company:	Company:
Address: 53 W Hills Road, Huntington Station, NY 11746	Address: Scott	Address: Kathy
Phone.: (631) 673-0612	Phone.:	Phone.:
Contact: Scott Yanucci	Contact:	Contact:
E-mail: labresults@laurelenv.com	E-mail:	E-mail:

YOUR Project Number: A22-115 JB

YOUR Project Name: 236 Richmond Valley Rd Staten Island

YOUR PO#:

Turn-Around Time

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

PFAS Standard is 7-10 Days

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

Connor Grosso

Samples Collected by: (print AND sign your name)

Matrix Codes

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

Samples From

- New York ✓
- New Jersey
- Connecticut
- Pennsylvania
- Other:

Report / EDD Type (circle selections)

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

YORK Reg. Comp.

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

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
SB-1_6"_Top Soil	S	10/21/24	Part 375 VOCs w/ TICs	Terra	4
SB-4_2"_Mulch	↓	↓	↓	↓	↓
Paige Avenue Composite Top Soil			(Part 375 TAL SVOCs, TAL Heavy Metals, pesticides, herbicides, PCBs	8oz	2
Paige Avenue Composite Mulch			↓	↓	↓
SB-5_0"-12"			(Part 375 VOCs, TAL SVOCs, TAL Heavy Metals, pesticides, herbicides, PCBs	8oz, Terra	2,4
SB-6_0"-12"			↓	↓	↓
SB-7_0"-12"	↓	↓	↓	↓	↓
Trip Blank	other QAQC	05:30	8260 VOCs	VOA	2
Richmond Composite Mulch	S	10/22/24	(Part 375 TAL SVOCs, TAL Heavy Metals, Pesticides, herbicides, PCBs	8oz, ~~Terra~~	2,4
Richmond Composite Top Soil	↓	↓	↓	↓	↓

Comments:

Preservation: (check all that apply)

HCl ✓ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction

Field Filtered
Lab to Filter

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

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
[signature] / Laurel	10/23/24 11AM	K Barlowork	10/23/24 11AM	[signature]	10/23/24 17:00
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				Mavaro	10/23/24 17:00 / 1.8° Degrees C

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

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

YORK Project No. 24J1510

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

YOUR Information	Report To:	Invoice To:
Company: Laurel Environmental	Company:	Company:
Address: 53 W Hills Rd Huntington Station, NY 11746	Address: Scott	Address: Kathy
Phone.: (631) 673-0612	Phone.:	Phone.:
Contact: Scott Yanuck	Contact:	Contact:
E-mail: labresults@laurelenv.com	E-mail:	E-mail:

YOUR Project Number: A22-115 JB

YOUR Project Name: 236 Richmond Valley Rd Staten Island

YOUR PO#:

Turn-Around Time

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

PFAS Standard is 7-10 Days

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

Connor ✓ Grosso

Samples Collected by: (print AND sign your name)

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

Samples From: New York ✓; New Jersey; Connecticut; Pennsylvania; Other:

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

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
SB-14_4"_Top Soil	S	10/22/24	Part 375 VOCs w/ TICs	Terra	4
SB-17_2"_Mulch					1
SB-18_4"-5.5'			Part 375 VOCs, TAL SVOCs, TAL Heavy Metals, Herbicides, Pesticides, PCBs	8oz, Terra	2,4
SB-21_6"-5.5'					
SB-23_4"-6'					
SB-19_2"-16"					
SB-15_3'					
~~Trip Blank~~	~~Other QAQC~~	~~05:30~~		VOA	2
Equipment Blank		18:15	Part 375 VOCs, TAL SVOCs, TAL Heavy Metals, pesticides, herbicides, PCBs	1L Amber, VOA, 250mL	2,3,1

Comments:

Preservation: (check all that apply) HCl ✓ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other: ___

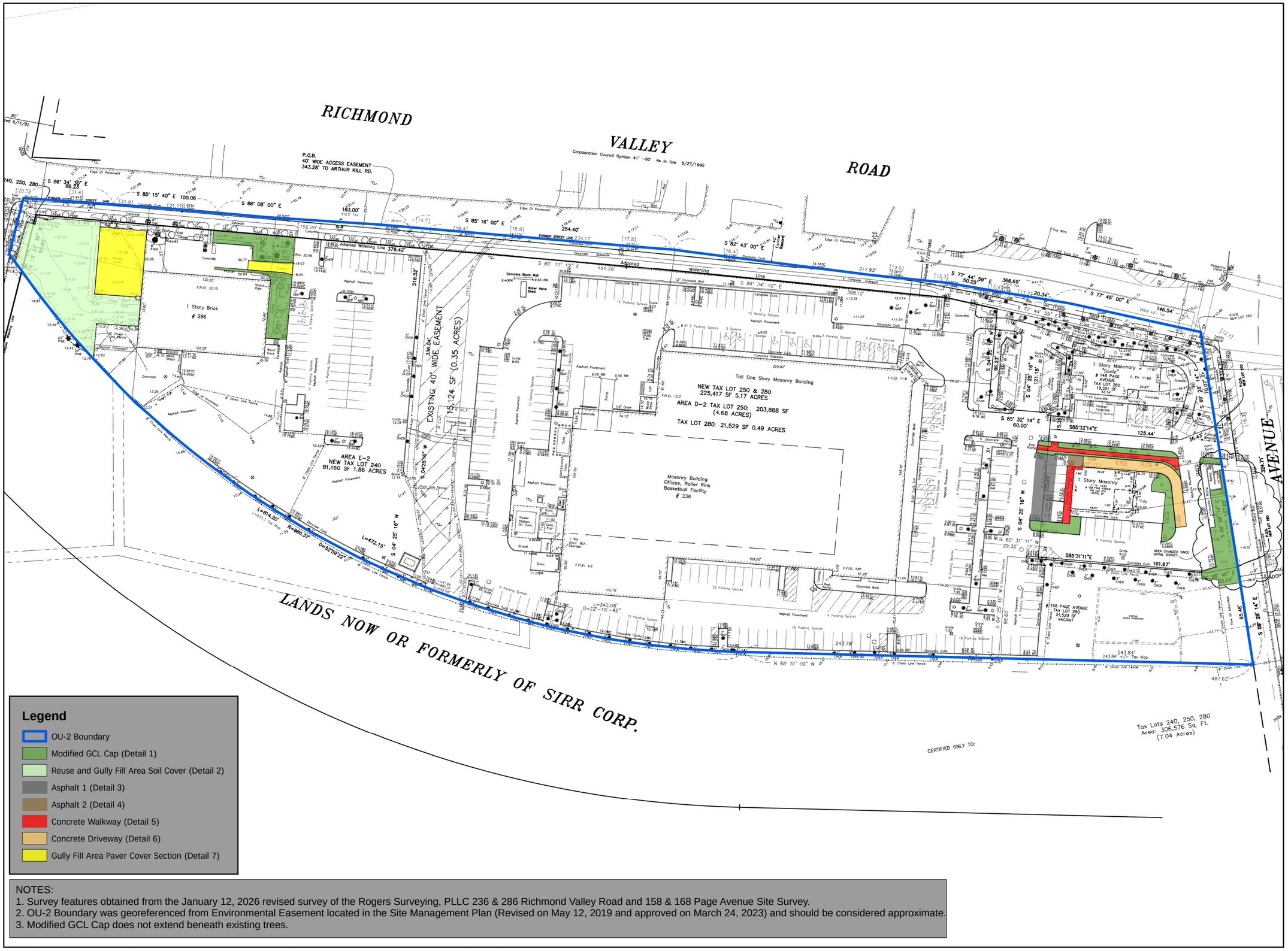
Special Instruction: Field Filtered; Lab to Filter

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

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Laurel	10/23/24 11AM	KBarlowork	10/23/24 11AM	KBarlowork	10/23/24 17:00
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				Mariano	10/23/24 17:00 / 1.8 Degrees C

APPENDIX F

Certified As-Builts



Legend

- OU-2 Boundary
- Modified GCL Cap (Detail 1)
- Reuse and Gully Fill Area Soil Cover (Detail 2)
- Asphalt 1 (Detail 3)
- Asphalt 2 (Detail 4)
- Concrete Walkway (Detail 5)
- Concrete Driveway (Detail 6)
- Gully Fill Area Paver Cover Section (Detail 7)

NOTES:
1. Survey features obtained from the January 12, 2026 revised survey of the Rogers Surveying, PLLC 236 & 286 Richmond Valley Road and 158 & 168 Page Avenue Site Survey.
2. OU-2 Boundary was georeferenced from Environmental Easement located in the Site Management Plan (Revised on May 12, 2019 and approved on March 24, 2023) and should be considered approximate.
3. Modified GCL Cap does not extend beneath existing trees.

Path: B:\GLOBAL\Projects\Best Equities LLC\2242445 - 286 Richmond Valley Rd Periodic Review\06_Drawings\Environmental\Drawings from Laurel\Arcgis\Richmond Valley Rd2.aprx

LaBella
Powered by partnership.

STATE OF NEW YORK
DANIEL P. NOLL
No. 081996
LICENSED PROFESSIONAL ENGINEER

It is a violation of New York Education Law Article 145 Sec.7209, for any person, unless acting under the direction of a licensed architect, professional engineer, or land surveyor, to alter an item in any way. If an item bearing the seal of an architect, engineer, or land surveyor is altered; the altering architect, engineer, or land surveyor shall affix to the item their seal and notation "altered by" followed by their signature and date of such alteration, and a specific description of the alteration.

N W E S

0 50 100 Feet

1 inch = 88 feet

INTENDED TO PRINT AS: 11" X 17"

CLIENT:

BEST EQUITIES LLC

PROJECT:

CORRECTIVE ACTIONS REPORT

NASSAU METALS OU-2
STATEN ISLAND, NEW YORK

NYSDEC VCP #V00159

DRAWING NAME:

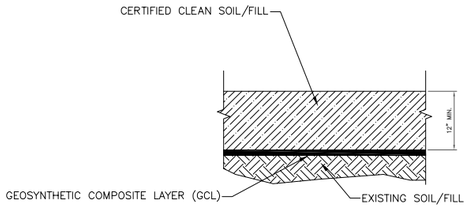
CORRECTIVE ACTION RESTORED AND CONFIRMED AS-BUILT COVER SECTIONS

PROJECT/DRAWING NUMBER:

2242445

FIGURE 001

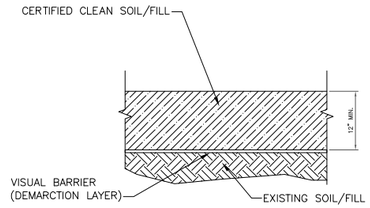
MARCH 18, 2026



NOTES:

1. GCL LAYER CONSISTS OF WATERPROOFING MEMBRANE UNDERLAIN BY SODIUM BENTONITE AND A NON-WOVEN POLYPROPYLENE PROTECTIVE BOTTOM LAYER
2. GCL CAP DOES NOT EXTEND BENEATH EXISTING TREES

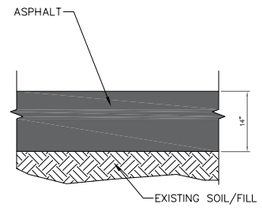
1/001 MODIFIED GCL CAP
SCALE: N.T.S



NOTES:

1. THE VISUAL BARRIER FOR DEMARCATION CONSISTS OF ORANGE CONSTRUCTION FENCING

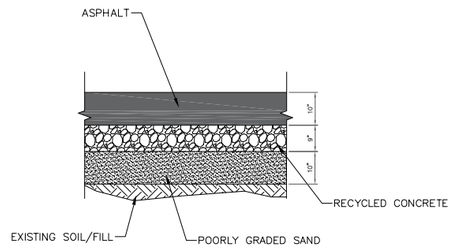
2/001 REUSE AND GULLY FILL AREA SOIL COVER
SCALE: N.T.S



NOTES:

1. THICKNESS OF ASPHALT AND TYPE UNDERLYING MATERIAL IS BASED ON DISCRETE SOIL BORINGS

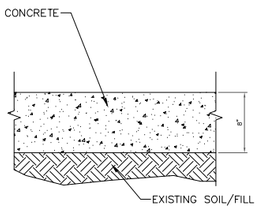
3/001 ASPHALT 1
SCALE: N.T.S



NOTES:

1. THICKNESS OF ASPHALT AND TYPE UNDERLYING MATERIAL IS BASED ON DISCRETE SOIL BORINGS

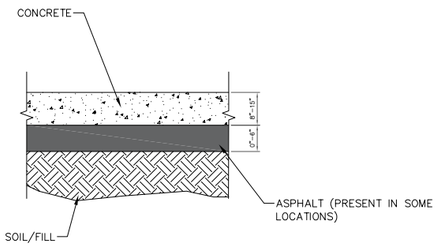
4/001 ASPHALT 2
SCALE: N.T.S



NOTES:

1. THICKNESS OF CONCRETE AND TYPE OF UNDERLYING MATERIAL WERE BASED ON DISCRETE BORINGS.

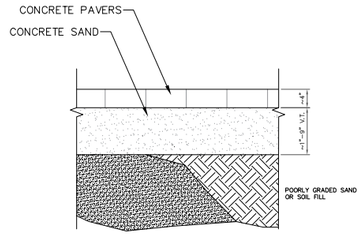
5/001 CONCRETE WALKWAY
SCALE: N.T.S



NOTES:

1. THICKNESS OF CONCRETE AND TYPE OF UNDERLYING MATERIAL WERE BASED ON DISCRETE BORINGS.

6/001 CONCRETE DRIVEWAY
SCALE: N.T.S



NOTES:

1. THICKNESS OF MATERIALS IS BASED ON DISCRETE BORINGS

7/001 GULLY FILL CONCRETE PAVER COVER SECTION
SCALE: N.T.S

NO.	REVISION	BY	DATE
1			
2			
:			
:			
:			
1			

It is a violation of New York Education Law Article 145 Sec.7209, for any person, unless acting under the direction of a licensed architect, professional engineer, or land surveyor, to alter in any way an architectural, engineering, land surveying or landscape architectural work. If an item bearing the seal of an architect, engineer or land surveyor is altered, the altering architect, engineer or land surveyor shall affix to the item their seal and notation "altered by" followed by their signature and date of such alteration, and a specific description of the alteration.

STATE OF NEW YORK
DANIEL P. NOLL
No. 081996
LICENSED PROFESSIONAL ENGINEER

LaBella
Powered by partnership.

PROJECT/CLIENT
CLIENT
BEST EQUITIES
PROJECT
CORRECTIVE ACTIONS REPORT
NASSAU METALS OU-2
STATEN ISLAND, NY
NYSDEC VCP #V00159

DRAWING TITLE
CORRECTIVE ACTION AS-BUILT DETAILS

DESIGNED BY:	AD
DRAWN BY:	AB
REVIEWED BY:	DN

ISSUED FOR:
CORRECTIVE ACTION AS-BUILT
DATE: MARCH 18, 2026

PROJECT/DRAWING NUMBER
2242445

002

APPENDIX G

Work Plan Addendums and Approval Letters

February 4, 2025

New York State Department of Environmental Conservation
Superfund and Brownfield Cleanup Section, Region 2
Division of Environmental Remediation
Attention: Marlen Salazar
47-40 21st Street, Long Island City, NY 11101

Re: Nassau Metals, OU-2
Voluntary Cleanup Program Site No. V00159
Corrective Actions Work Plan Addendum, ***ASR* Project #A22-115**

Dear Ms. Salazar,

Advanced Site Restoration* (*"ASR"*), *a division of Laurel Environmental Geosciences ("***Laurel***") has prepared this addendum to the Corrective Actions Work Plan to further investigation and address the items identified during the subsurface investigation conducted on October 21 and 22, 2024 at Nassau Metals OU-2 (the "Site"). All work proposed herein will comply with the requirements previously established in the approved Corrective Actions Work Plan, dated August 8, 2024, the site management plan ("SMP"), and excavation work plan ("EWP").

158 Page Avenue

The subsurface investigation identified elevated levels of heavy metals, specifically copper and lead, within the topsoil and mulch composite samples collected from 158 Page Avenue. The topsoil and mulch were reportedly imported to the Site by Mammoth, Inc., around November 2022. To delineate this condition, ***ASR*** proposes to conduct six (6) delineation borings (designated DB-1 through DB-6) as shown in Figure 1, with two (2) borings advanced per approximately 500-square foot area of landscaping. The proposed soil borings will allow for discrete soil samples to be collected in each of the previously composited locations (e.g., DB-1 performed at historical SB-1 location), effectively determining what fractions of the composite sample contributed to the documented contamination.

The delineation borings will be performed via hand auger, which will be decontaminated with a laboratory grade detergent (e.g., Alconox) between each soil boring. One (1) soil sample will be collected from each soil boring in the 0"-12" interval for laboratory analysis. Any areas confirmed to contain contaminants above the applicable New York State Department of Environmental Conservation ("NYSDEC") Soil Cleanup Objectives ("SCOs") will be excavated, disposed of off-site at a regulated soil disposal facility, and the capping system will be restored with a demarcation barrier and a minimum of 1-foot of certified clean material. Any imported material will be sampled as required by the SMP and the NYSDEC notified in advance of any import as required by the SMP.

The subsurface investigation determined that the geosynthetic composite layer ("GCL") capping system east of 158 Page Avenue had been damaged during construction activities. Based on publicly available satellite imagery, this area was disturbed in 2015 during construction of a pedestrian ramp and driveway, and again visibly disturbed in July 2022 during renovations to the building at 158 Page Avenue.

Advanced Site Restoration •53 W Hills Road, Suite 1, Huntington Station, NY 11746 •phone (631) 673-0612 •fax (631) 427-5323

To further investigate this issue, ***ASR*** proposes to hand excavate the area to determine the lateral extent of the missing GCL; test pits will be hand dug throughout the blue highlighted area on Figure 1 at 10-foot intervals in north/south and east/west cardinal directions. The GCL will be considered "damaged" if the demarcation barrier is not covered by at least 12-inches of material as specified in Appendix I of the Remedial Completion Report for the Site. The corresponding GCL design detail has been appended to this work plan as Attachment 1.

After the extent of the damaged GCL has been delineated, a new GCL cap with a minimum 1-foot thickness will be installed above the existing ground surface. An appropriately designed retaining wall may need to be installed to support the proposed remedy. Any imported material will be sampled as required by the SMP and the NYSDEC notified in advance of any import as required by the SMP.

286 Richmond Valley Road

In the gully fill and patio area, imported fill material was found up to depths of 6 feet below ground surface ("bgs") and determined to contain semi-volatile organic compounds ("SVOCs") and the heavy metal copper at concentrations above the applicable NYSDEC SCOs. Based on the available information, Design Landscapes, Inc., working on behalf of the "286 South Restaurant" tenant, is suspected of importing approximately 300 cubic yards of material to the site between March 15, 2024, and July 2024. This is further evidenced by a soil pile that is visible in the gully fill area in publicly available satellite imagery from April 2024. To remedy this issue, ***ASR*** proposes the construction of a new capping system across the gully fill area, extending to the pre-existing fence lines. The new capping system would be constructed of a minimum of 1-foot of certified clean material at ground surface underlain by a demarcation barrier. The new capping system would be installed to an elevation of approximately 21.5 feet, which matches the existing patio elevation. The lateral extent of the proposed capping system is shown in Figure 2. Any imported material will be sampled as required by the SMP and the NYSDEC notified in advance of any import as required by the SMP.

To the east of the building at 286 Richmond Valley Road, heavy metal contamination from historical industrial operations was discovered at approximately 3 feet bgs. To determine if the surface material in this area is suitable for designation as a capping system, ***ASR*** proposes to conduct four (4) delineation borings (DB-7 through DB-10) as shown in Figure 2. The delineation borings will be performed via hand auger, which will be decontaminated with a laboratory grade detergent (e.g., Alconox) between each soil boring. One (1) soil sample will be collected from each soil boring in the 0"-12" interval for laboratory analysis. If the material is suitable for use as a capping system, this area of the Site will be designated a new cap in the SMP. If the material is found to contain contaminants above the applicable NYSDEC SCOs, it will be excavated, disposed of off-site at a regulated soil disposal facility, and the capping system will be restored with a demarcation barrier and a minimum of 1" of certified clean material. Any imported material will be sampled as required by the SMP and the NYSDEC notified in advance of any import as required by the SMP.

236 Richmond Valley Road

During implementation of the Corrective Actions Work Plan, it was noted that construction and demolition ("C&D") debris had been illegally dumped west of the building at 236 Richmond Valley Road over an indeterminate period of time. ***ASR*** will sample this material for waste characterization parameters and arrange for disposal at an appropriate facility. The area of dumped material is shown in Figure 3.

Laboratory Analysis

All delineation soil samples collected will be transported to a New York State Department of Health ("NYSDOH") certified Environmental Laboratory under chain of custody procedures and analyzed for NYSDEC Part 375 parameters including volatile organic compounds ("VOCs") with tentatively identified compounds ("TICs"), Target Analyte List ("TAL") SVOCs, TAL heavy metals, pesticides, herbicides, and polychlorinated biphenyls ("PCBs").

Reporting and Scheduling

Daily reports will be prepared for each day of work that is performed by or overseen by ***ASR***. Any received sampling results will be reported in the corresponding monthly report for NYSDEC review. Upon completion of the remedial actions, the Corrective Actions Subsurface Investigation report will be revised to document all work performed under this addendum.

This work will begin upon approval of the Corrective Actions Work Plan Addendum by NYSDEC and is anticipated to be completed by summer 2025.

Please let us know if you have any questions on this proposed work.

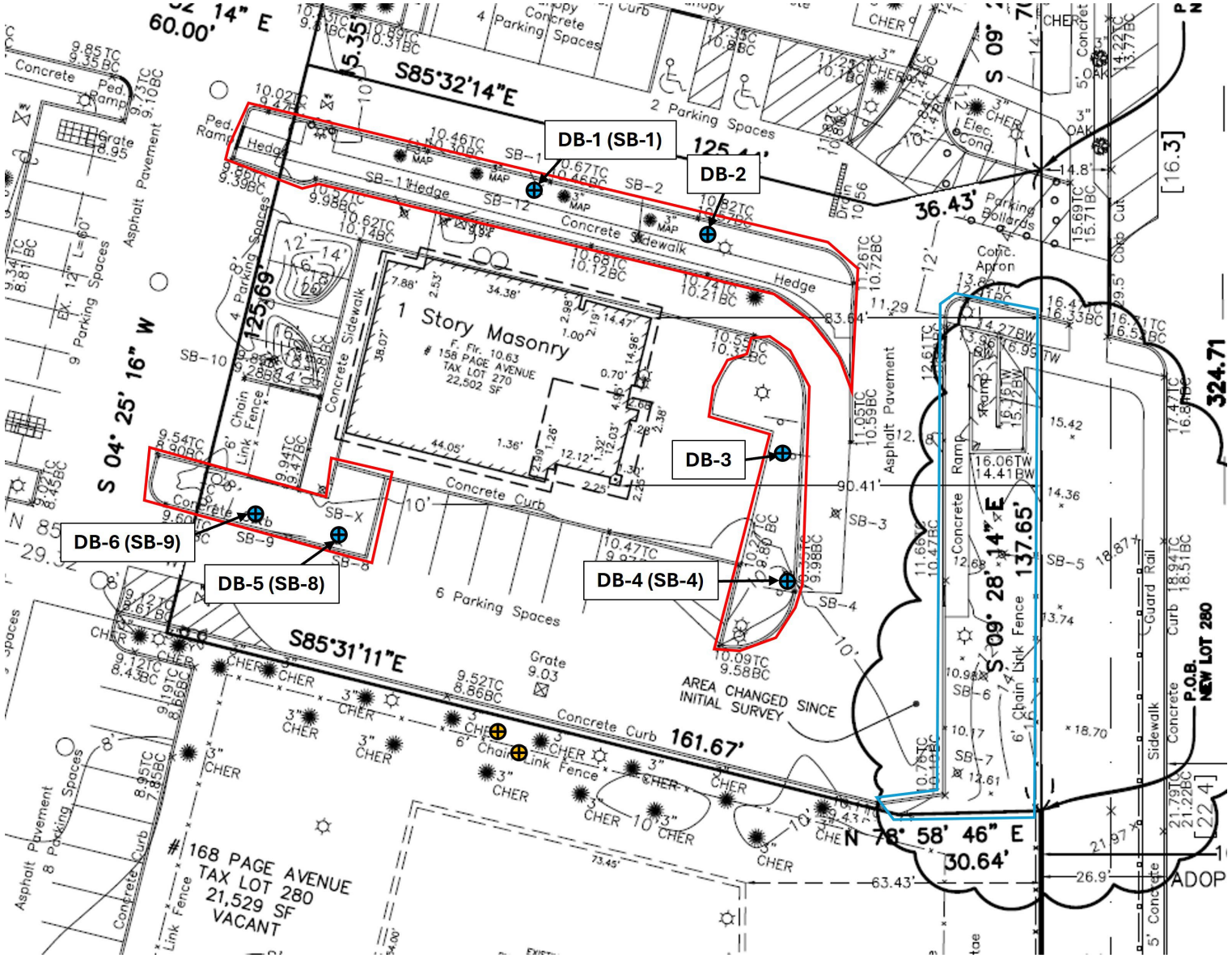
Respectfully submitted,

Jamie Burgher
Project Manager, Geologist III

Attachments:

Figure 1.0: 158 Page Avenue Work to be Performed
Figure 2.0: 286 Richmond Valley Road Work to be Performed
Figure 3.0: 236 Richmond Valley Road Work to be Performed
ATTACHMENT 1 – GCL Design Detail

FIGURES



ASR
53 West Hills Road
Huntington Station, NY 11746
PHONE: 631-673-0612
FAX: 631-427-5323
WWW.ASKASR.COM

FIGURE 1.0
158 Page Avenue Work to be Performed

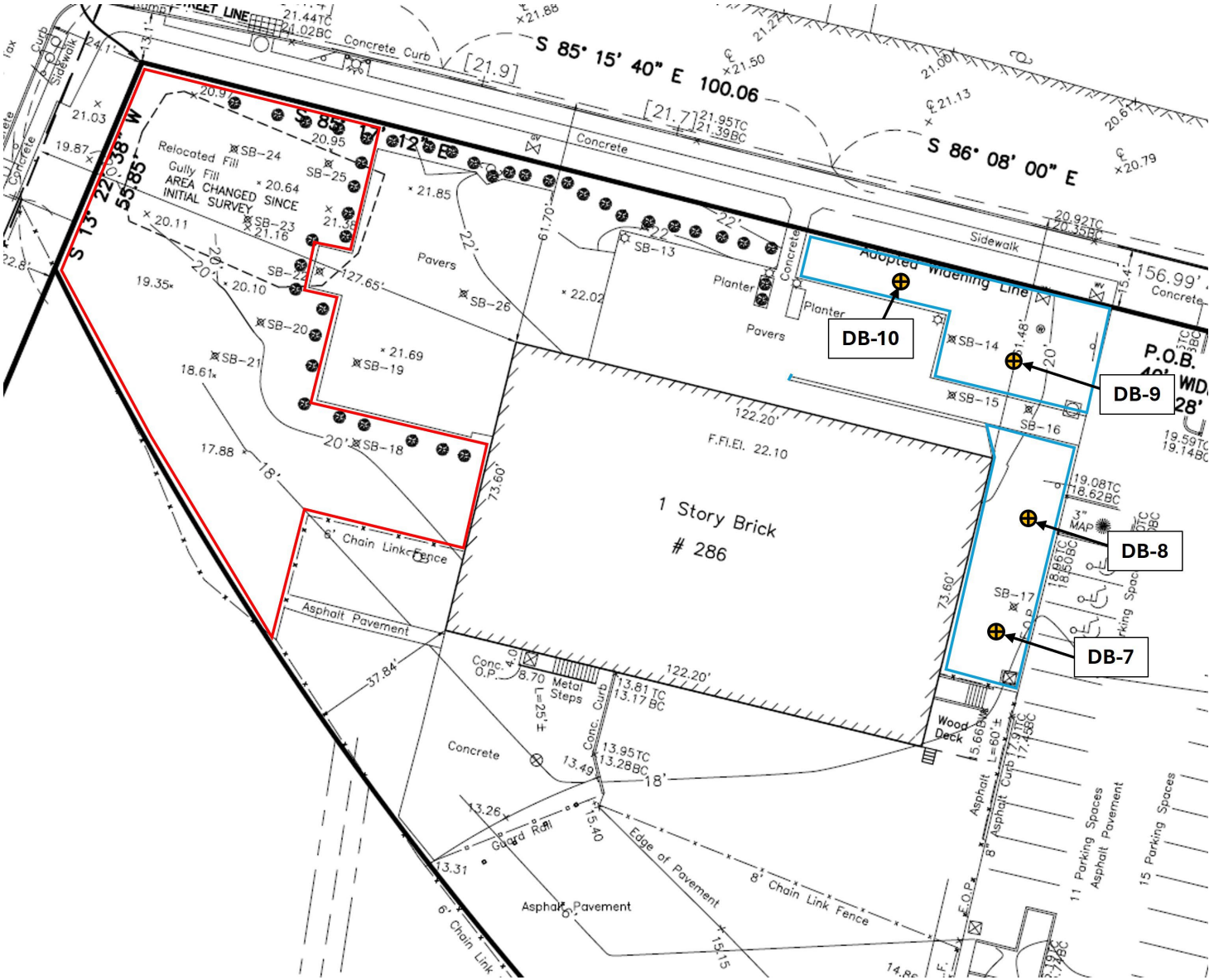
Nassau Metals OU-2,
158 Page Avenue,
Staten Island, NY.

PROJECT: A22-115
DRAWING DATE: 12/13/24
DRAWN BY: CG
CHECKED BY: JB
REVISIONS: N/A

KEY

- Proposed delineation location
- Topsoil and mulch area
- GCL area

N
W E
S



ASR

53 West Hills Road
Huntington Station, NY 11746

PHONE: 631-673-0612
FAX: 631-427-5323

WWW.ASKASR.COM

FIGURE 2.0
286 Richmond Valley Road Work to be Performed

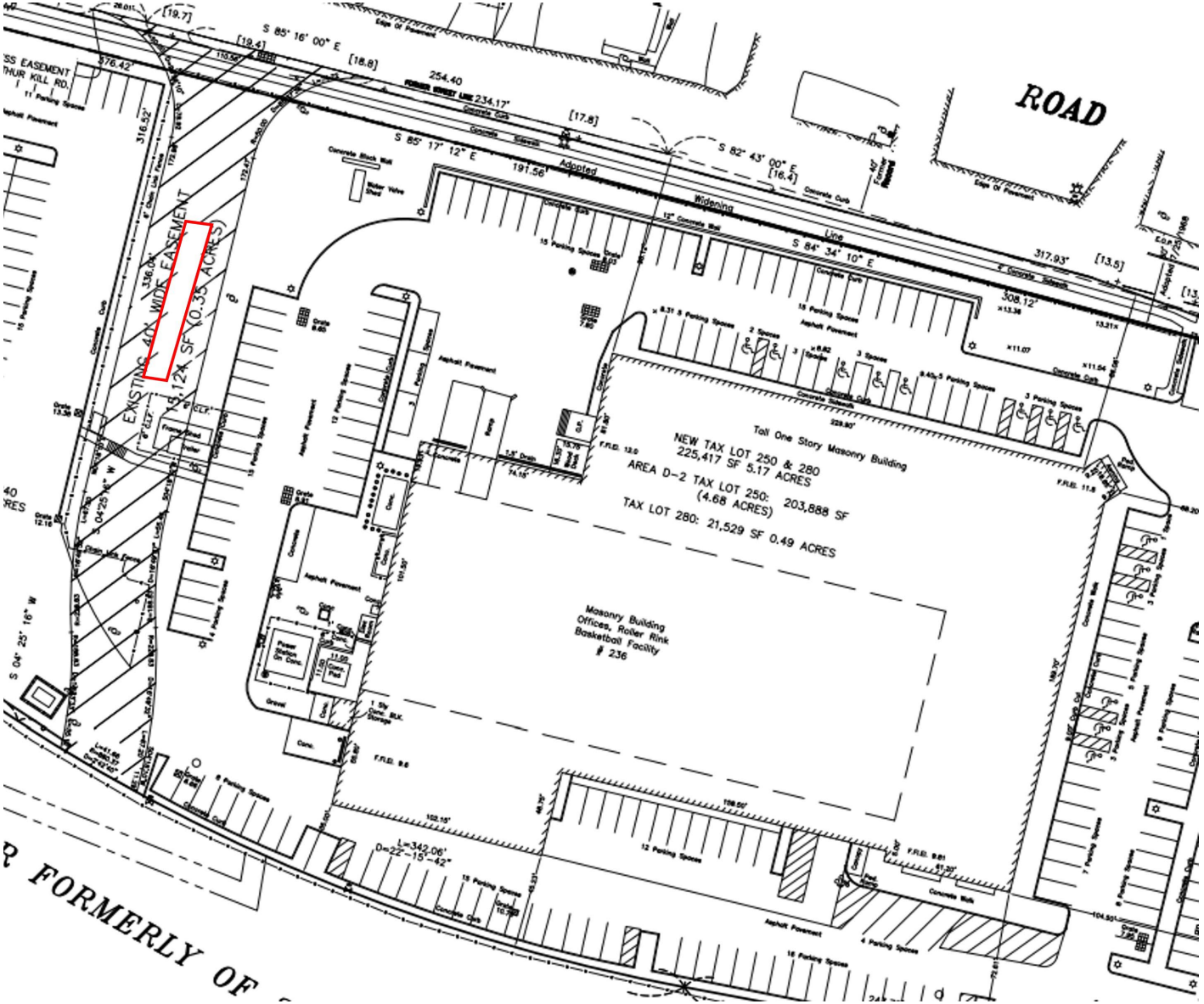
Nassau Metals OU-2,
286 Richmond Valley Road,
Staten Island, NY.

PROJECT: A22-115
DRAWING DATE: 12/13/24
DRAWN BY: CG
CHECKED BY: JB
REVISIONS: N/A

KEY

- Proposed delineation location
- Gully and patio fill area
- Discovered contamination area

N
W E
S



ASR
53 West Hills Road
Huntington Station, NY 11746
PHONE: 631-673-0612
FAX: 631-427-5323
WWW.ASKASR.COM

FIGURE 3.0
236 Richmond Valley Road Work to be Performed

Nassau Metals OU-2,
286 Richmond Valley Road,
Staten Island, NY.

PROJECT: A22-115
DRAWING DATE: 12/13/24
DRAWN BY: CG
CHECKED BY: JB
REVISIONS: N/A

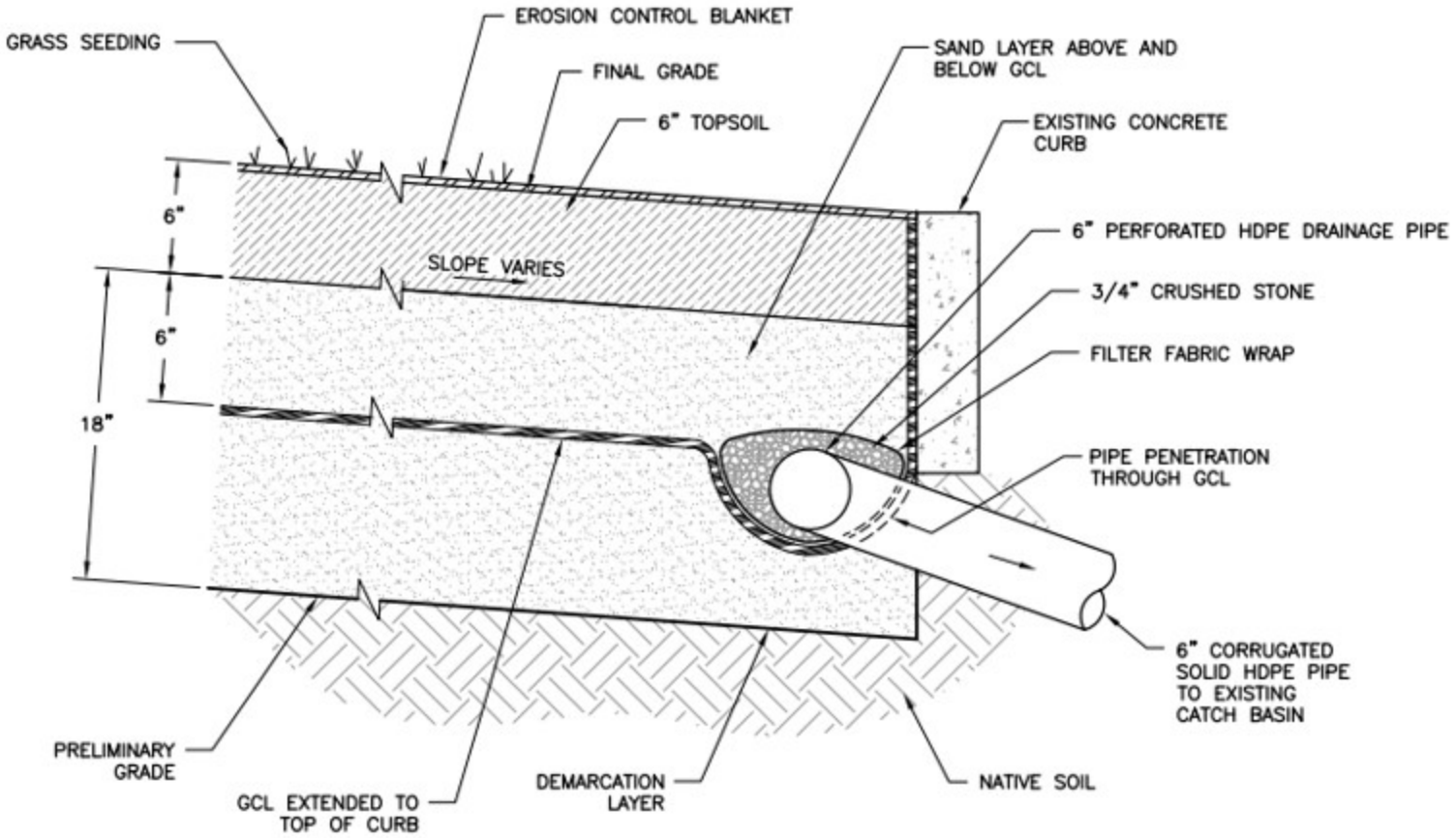
KEY

Dumped c&d debris area

N
W E
S

ATTACHMENT 1

GCL Design Detail



NOTES

1. FILTER FABRIC WRAP IS 10oz NON WOVEN FILTER FABRIC.
2. 6–INCH PERFORATED DRAINAGE PIPING IS ADVANCED DRAINAGE SYSTEMS (ADS) CORRUGATED PERFORATED HDPE PIPE.
3. SOLID HDPE PIPE AND FITTINGS ARE MANUFACTURED BY ADVANCED DRAINAGE SYSTEMS.

(7) GCL/SOIL CAP ON BEST EQUITIES PROPERTY

SCALE: NOT TO SCALE

NEW YORK STATE | Department of Environmental Conservation

KATHY HOCHUL
Governor

AMANDA LEFTON
Acting Commissioner

March 6, 2025

Marvin Beinhorn
Best Equities LLC
1165 East 24th Street
Brooklyn, NY 11210

Re: Nassau Metals OU2
158 Page Avenue & 286 Richmond Valley Road, Staten Island, Richmond County
Voluntary Cleanup Program No. V00159
Corrective Actions Work Plan Addendum Approval

Dear Marvin Beinhorn,

The New York State Department of Environmental Conservation (NYSDEC), in consultation with the New York State Department of Health (NYSDOH), has reviewed the Corrective Actions Work Plan (CAWP) Addendum for the referenced site, dated February 4, 2025 which was prepared by Advanced Site Restoration (ASR) on behalf of Best Equities (the Owner) for Nassau Metals – OU2 (the Site). The CAWP Addendum meets the requirements of DER-10 and the Voluntary Cleanup Agreement (VCA) and is hereby approved.

The Owner and its contractors are solely responsible for the safe execution of all invasive and other work performed under the Work Plan. In particular, the Owner and its contractor are responsible for the structural integrity of excavations, and protection of the structural integrity of buildings, utilities, and other structures both onsite and offsite that may be adversely affected by those excavations. The Owner and its contractors must obtain any local, state, or federal permits or approvals that may be required to perform work under the CAWP and CAWP Addendum. Furthermore, the Owner and its contractors are solely responsible for the identification of utilities that might be affected by work under the CAWP Addendum and implementation of all required, appropriate, or necessary health and safety measures during performance of work under the approved CAWP Addendum.

Please notify the Department seven days prior to the start of field work. If you have any questions or comments, please feel free to contact me at (718) 482-7129 or marlen.salazar@dec.ny.gov.

Sincerely,

Marlen Salazar

cc: J. O'Connell, C. Maycock – NYSDEC
S. McLaughlin, A. Perretta, J. McCarthy – NYSDOH
S. Yanuck, J. Burgher – ASR
J. Friedman – Best Equities LLC

November 18, 2025

New York State Department of Environmental Conservation
Superfund and Brownfield Cleanup Section, Region 2
Division of Environmental Remediation
Attention: Marlen Salazar
47-40 21st Street, Long Island City, NY 11101

Re: Nassau Metals, OU-2
Voluntary Cleanup Program Site No. V00159
Corrective Actions Work Plan Addendum, ***ASR* Project #A22-115**

Dear Ms. Salazar,

Advanced Site Restoration* (*"ASR"*), *a division of Laurel Environmental Geosciences ("***Laurel***") has prepared this addendum to the Corrective Actions Work Plan to detail how the Corrective Actions are to be performed at the 286 Richmond Valley Road portion of Nassau Metals OU-2 (the "Site"). All work proposed herein will comply with the requirements previously established in the approved Corrective Actions Work Plan, dated August 8, 2024, the previous Corrective Actions Work Plan Addendum, dated February 4, 2025, the site management plan ("SMP"), and excavation work plan ("EWP").

286 Richmond Valley Road

In the gully fill and patio area, imported fill material was found up to depths of 6 feet below ground surface ("bgs") and determined to contain semi-volatile organic compounds ("SVOCs") and the heavy metal copper at concentrations above the applicable NYSDEC SCOs. To remedy this issue, ***ASR*** previously proposed the construction of a new capping system across the gully fill area, extending to the pre-existing fence lines. The new capping system would be constructed of a minimum of 1-foot of certified clean material at ground surface and underlain by a demarcation barrier. The proposed capping system was to be installed to an elevation of approximately 21.5 feet, which matches the existing patio elevation.

As of the date of this letter, the approved corrective actions work is underway at 286 Richmond Valley Road, and the retaining wall necessary to support the new capping system has been constructed. However, while reviewing the existing conditions in the field, it was determined that the existing ground elevation and challenging slope requires a modification to the proposed finished elevation of the new capping system; in the area proximate to the patio, the existing top 12" of material is now proposed to be graded and placed into the lower elevation areas south and southwest of the patio, prior to being covered with the minimum of 1-foot of certified clean material at ground surface and underlain by a demarcation barrier. This will allow for the finished elevation of the new capping system to be approximately 21.00 feet. The proposed actions are summarized in the attached Figure 1.0.

No changes to any previously agreed upon monitoring, testing, or reporting requirements as outlined in the approved Corrective Actions Work Plan, dated August 8, 2024, the previous Corrective Actions Work Plan Addendum, dated February 4, 2025, are proposed as part of this addendum.

Advanced Site Restoration •53 W Hills Road, Suite 1, Huntington Station, NY 11746 •phone (631) 673-0612 •fax (631) 427-5323

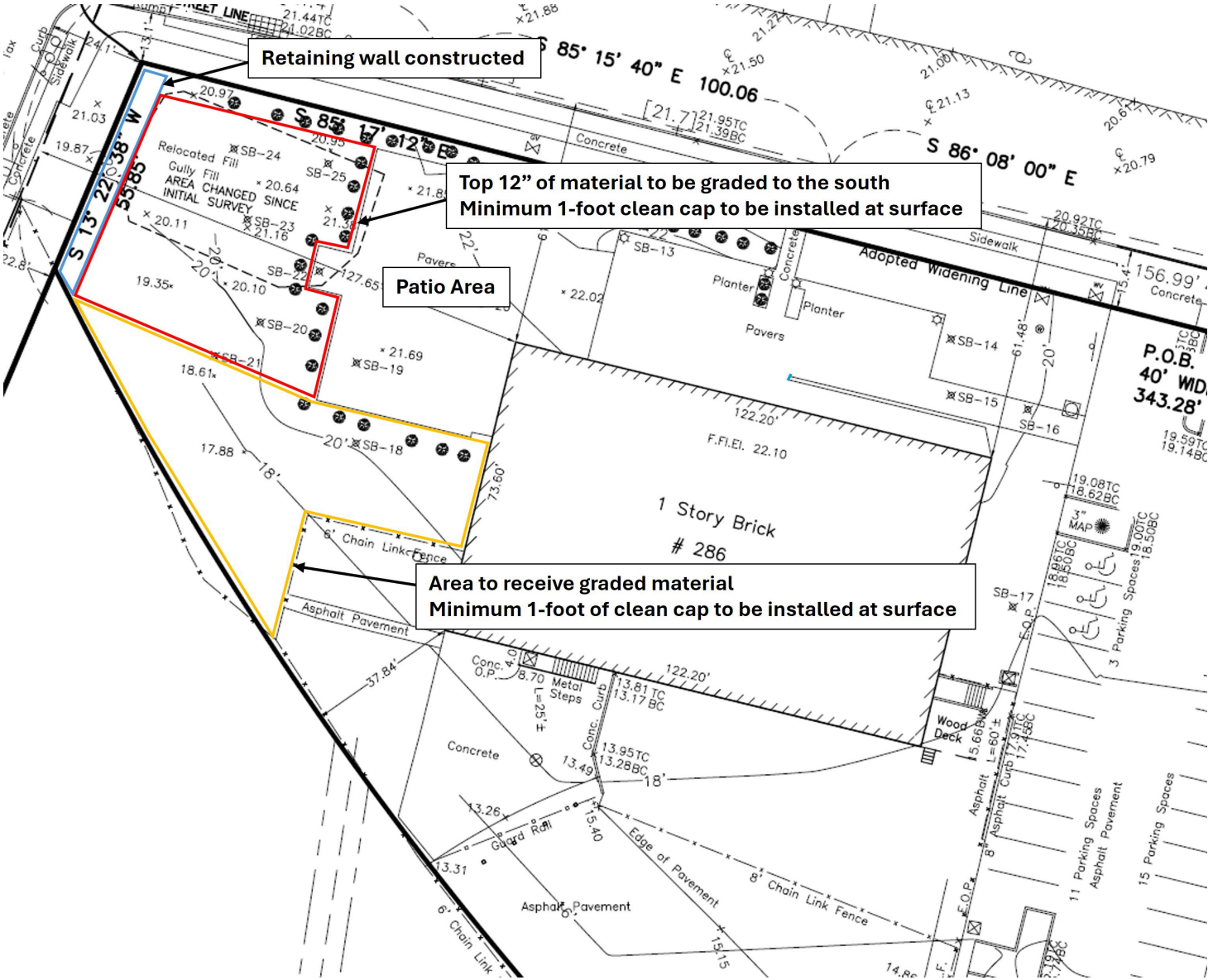
Please let us know if you have any questions on this proposed work.

Respectfully submitted,

Jamie Burgher
Project Manager, Geologist III

Attachments:

Figure 1.0: 286 Richmond Valley Road Work to be Performed



ASR

53 West Hills Road
Huntington Station, NY 11746

PHONE: 631-673-0612
FAX: 631-427-5323

WWW.ASKASR.COM

FIGURE 1.0
286 Richmond Valley Road Work to be Performed

Nassau Metals OU-2,
286 Richmond Valley Road,
Staten Island, NY.

PROJECT: A22-115
DRAWING DATE: 11/18/25
DRAWN BY: JB
CHECKED BY: SY
REVISIONS: N/A

N
W E
S

Outlook

RE: Grading Question - Richmond Valley Rd / Nassau Metals OU-2

From Salazar, Marlen C (DEC) <Marlen.Salazar@dec.ny.gov>
Date Wed 11/26/2025 7:34 AM
To Jamie Burgher <jburgher@laurelenv.com>
Cc O'Connell, Jane H (DEC) <jane.oconnell@dec.ny.gov>; Maycock, Cris-Sandra (DEC) <cris-sandra.maycock@dec.ny.gov>; Omar Ramotar <oramotar@rouxinc.com>; Sarah Stern <sstern@rouxinc.com>; Scott Yanuck <syanuck@laurelenv.com>; Brett, Alexander <abrett@labellapc.com>; dnoll@LABELLAPC.com <dnoll@LABELLAPC.com>

Good morning Jamie,

This email serves as NYSDEC and NYSDOH approval for the proposed change in the approved Corrective Actions Work Plan Addendum dated February 4, 2025. Specifically, the change is in the handling of contaminated material at 286 Richmond Valley Road, Staten Island, NY 10307 as detailed in the Corrective Actions Work Plan Addendum, revised November 18, 2025.

Please reach out if you have any questions.

Best,
Marlen

Marlen Salazar *(she/hers)*
Assistant Engineer
New York State Department of Environmental Conservation
Division of Environmental Remediation | Section A, Region 2
47-40 21st Street, Long Island City, New York 11101
(718) 482-7129 | marlen.salazar@dec.ny.gov
dec.ny.gov | @NYSDEC on Social Media | Podcast

NYSDEC has a new File Transfer System. We no longer accept third-party links. You can send large files to me here:
https://mysend.ny.gov:443/nys/send/to/user/marlensalazardecnygov

---

From: Salazar, Marlen C (DEC)
Sent: Tuesday, November 18, 2025 1:09 PM
To: Jamie Burgher <jburgher@laurelenv.com>
Cc: O'Connell, Jane H (DEC) <jane.oconnell@dec.ny.gov>; Maycock, Cris-Sandra (DEC) <cris-sandra.maycock@dec.ny.gov>; Omar Ramotar <oramotar@rouxinc.com>; Sarah Stern <sstern@rouxinc.com>; syanuck@laurelenv.com; Brett, Alexander <abrett@labellapc.com>; dnoll@LABELLAPC.com
Subject: RE: Grading Question - Richmond Valley Rd / Nassau Metals OU-2

Happens to us all haha. I'll get this circulated for review and hopefully get back to you soon.

Best,
Marlen

APPENDIX H

Delineation Borings
Laboratory Data Package

Technical Report

prepared for:

Laurel Environmental Geosciences, D.P.C.
53 W Hills Road, Suite 1
Huntington Station NY, 11746
Attention: Scott Yanuck

Report Date: 07/16/2025
Client Project ID: 236 Richmond Valley Road, Staten Island A22-115.8 JB
York Project (SDG) No.: 25G0474

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

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

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 07/16/2025
Client Project ID: 236 Richmond Valley Road, Staten Island A22-115.8 JB
York Project (SDG) No.: 25G0474

Laurel Environmental Geosciences, D.P.C.
53 W Hills Road, Suite 1
Huntington Station NY, 11746
Attention: Scott Yanuck

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on July 08, 2025 and listed below. The project was identified as your project: **236 Richmond Valley Road, Staten Island A22-115.8 JB**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
25G0474-01	DB-1	Soil	07/07/2025	07/08/2025
25G0474-02	DB-2	Soil	07/07/2025	07/08/2025
25G0474-03	DB-3	Soil	07/07/2025	07/08/2025
25G0474-04	DB-4	Soil	07/07/2025	07/08/2025
25G0474-05	DB-5	Soil	07/07/2025	07/08/2025
25G0474-06	DB-6	Soil	07/07/2025	07/08/2025
25G0474-07	DUP	Soil	07/07/2025	07/08/2025
25G0474-08	Equipment Blank	Water	07/07/2025	07/08/2025
25G0474-09	Trip Blank	Water	07/07/2025	07/08/2025

General Notes for York Project (SDG) No.: 25G0474

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

Approved By: Cassie L. Mosher

Cassie L. Mosher
Laboratory Manager

Date: 07/16/2025

Sample Information

Client Sample ID: DB-1 **York Sample ID:** 25G0474-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0474	236 Richmond Valley Road, Staten Island A22-115.8 JB	Soil	July 7, 2025 9:20 am	07/08/2025

Volatiles, 8260 NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	07/09/2025 11:23	07/09/2025 18:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	07/09/2025 11:23	07/09/2025 18:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	07/09/2025 11:23	07/09/2025 18:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	07/09/2025 11:23	07/09/2025 18:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	07/09/2025 11:23	07/09/2025 18:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	07/09/2025 11:23	07/09/2025 18:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	07/09/2025 11:23	07/09/2025 18:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	07/09/2025 11:23	07/09/2025 18:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	07/09/2025 11:23	07/09/2025 18:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.054	0.11	1	EPA 8260D	07/09/2025 11:23	07/09/2025 18:59	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440		
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	07/09/2025 11:23	07/09/2025 18:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
67-64-1	Acetone	ND		mg/kg dry	0.0054	0.011	1	EPA 8260D	07/09/2025 11:23	07/09/2025 18:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	07/09/2025 11:23	07/09/2025 18:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	07/09/2025 11:23	07/09/2025 18:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	07/09/2025 11:23	07/09/2025 18:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	07/09/2025 11:23	07/09/2025 18:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	07/09/2025 11:23	07/09/2025 18:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	07/09/2025 11:23	07/09/2025 18:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	07/09/2025 11:23	07/09/2025 18:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0054	0.011	1	EPA 8260D	07/09/2025 11:23	07/09/2025 18:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
91-20-3	Naphthalene	ND		mg/kg dry	0.0027	0.011	1	EPA 8260D	07/09/2025 11:23	07/09/2025 18:59	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	07/09/2025 11:23	07/09/2025 18:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	07/09/2025 11:23	07/09/2025 18:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		

Sample Information

Client Sample ID: DB-1 **York Sample ID:** 25G0474-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0474	236 Richmond Valley Road, Staten Island A22-115.8 JB	Soil	July 7, 2025 9:20 am	07/08/2025

Volatiles, 8260 NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	07/09/2025 11:23	07/09/2025 18:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0054	0.011	1	EPA 8260D	07/09/2025 11:23	07/09/2025 18:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	07/09/2025 11:23	07/09/2025 18:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	07/09/2025 11:23	07/09/2025 18:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	07/09/2025 11:23	07/09/2025 18:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	07/09/2025 11:23	07/09/2025 18:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	07/09/2025 11:23	07/09/2025 18:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	07/09/2025 11:23	07/09/2025 18:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	07/09/2025 11:23	07/09/2025 18:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0081	0.016	1	EPA 8260D	07/09/2025 11:23	07/09/2025 18:59	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*99.1 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.9 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*109 %*	*76-130*

Semi-Volatiles, 8270 NYDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/kg dry	44.8	89.4	2	EPA 8270E	07/10/2025 13:08	07/11/2025 14:28	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
65794-96-9	3- & 4-Methylphenols	ND	QL-02	ug/kg dry	44.8	89.4	2	EPA 8270E	07/10/2025 13:08	07/11/2025 14:28	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
83-32-9	Acenaphthene	ND	QL-02	ug/kg dry	44.8	89.4	2	EPA 8270E	07/10/2025 13:08	07/11/2025 14:28	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
208-96-8	**Acenaphthylene**	**57.2**	J, QL-02	ug/kg dry	44.8	89.4	2	EPA 8270E	07/10/2025 13:08	07/11/2025 14:28	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
120-12-7	**Anthracene**	**127**	QL-02	ug/kg dry	44.8	89.4	2	EPA 8270E	07/10/2025 13:08	07/11/2025 14:28	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
56-55-3	**Benzo(a)anthracene**	**490**	QL-02	ug/kg dry	44.8	89.4	2	EPA 8270E	07/10/2025 13:08	07/11/2025 14:28	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
50-32-8	**Benzo(a)pyrene**	**498**	QL-02	ug/kg dry	44.8	89.4	2	EPA 8270E	07/10/2025 13:08	07/11/2025 14:28	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		

Sample Information

Client Sample ID: DB-1 **York Sample ID:** 25G0474-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0474	236 Richmond Valley Road, Staten Island A22-115.8 JB	Soil	July 7, 2025 9:20 am	07/08/2025

Semi-Volatiles, 8270 NYDEC Part 375

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
205-99-2	**Benzo(b)fluoranthene**	**497**	QL-02	ug/kg dry	44.8	89.4	2	EPA 8270E	07/10/2025 13:08	07/11/2025 14:28	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
191-24-2	**Benzo(g,h,i)perylene**	**322**		ug/kg dry	44.8	89.4	2	EPA 8270E	07/10/2025 13:08	07/11/2025 14:28	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
207-08-9	**Benzo(k)fluoranthene**	**416**	QL-02	ug/kg dry	44.8	89.4	2	EPA 8270E	07/10/2025 13:08	07/11/2025 14:28	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
218-01-9	**Chrysene**	**539**	QL-02	ug/kg dry	44.8	89.4	2	EPA 8270E	07/10/2025 13:08	07/11/2025 14:28	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
53-70-3	**Dibenzo(a,h)anthracene**	**110**		ug/kg dry	44.8	89.4	2	EPA 8270E	07/10/2025 13:08	07/11/2025 14:28	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
132-64-9	Dibenzofuran	ND	QL-02	ug/kg dry	44.8	89.4	2	EPA 8270E	07/10/2025 13:08	07/11/2025 14:28	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
206-44-0	**Fluoranthene**	**835**	QL-02	ug/kg dry	44.8	89.4	2	EPA 8270E	07/10/2025 13:08	07/11/2025 14:28	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
86-73-7	Fluorene	ND	QL-02	ug/kg dry	44.8	89.4	2	EPA 8270E	07/10/2025 13:08	07/11/2025 14:28	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND	QL-02	ug/kg dry	44.8	89.4	2	EPA 8270E	07/10/2025 13:08	07/11/2025 14:28	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**259**		ug/kg dry	44.8	89.4	2	EPA 8270E	07/10/2025 13:08	07/11/2025 14:28	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
91-20-3	Naphthalene	ND	QL-02	ug/kg dry	44.8	89.4	2	EPA 8270E	07/10/2025 13:08	07/11/2025 14:28	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
87-86-5	Pentachlorophenol	ND		ug/kg dry	44.8	89.4	2	EPA 8270E	07/10/2025 13:08	07/11/2025 14:28	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-01-8	**Phenanthrene**	**368**	QL-02	ug/kg dry	44.8	89.4	2	EPA 8270E	07/10/2025 13:08	07/11/2025 14:28	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
108-95-2	Phenol	ND	QL-02	ug/kg dry	44.8	89.4	2	EPA 8270E	07/10/2025 13:08	07/11/2025 14:28	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
129-00-0	**Pyrene**	**706**	QL-02	ug/kg dry	44.8	89.4	2	EPA 8270E	07/10/2025 13:08	07/11/2025 14:28	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*38.8 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*28.4 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*25.1 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*33.7 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*49.5 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*37.4 %*	*24-116*

PEST, 8081 NYSDEC Part 375

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: **DB-1** **York Sample ID:** **25G0474-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0474	236 Richmond Valley Road, Staten Island A22-115.8 JB	Soil	July 7, 2025 9:20 am	07/08/2025

PEST, 8081 NYSDEC Part 375

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	1.79	5	EPA 8081B	07/10/2025 13:06	07/11/2025 10:58	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
72-55-9	4,4'-DDE	ND		ug/kg dry	1.79	5	EPA 8081B	07/10/2025 13:06	07/11/2025 10:58	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
50-29-3	4,4'-DDT	ND		ug/kg dry	1.79	5	EPA 8081B	07/10/2025 13:06	07/11/2025 10:58	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
309-00-2	Aldrin	ND		ug/kg dry	1.79	5	EPA 8081B	07/10/2025 13:06	07/11/2025 10:58	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
319-84-6	alpha-BHC	ND		ug/kg dry	1.79	5	EPA 8081B	07/10/2025 13:06	07/11/2025 10:58	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
5103-71-9	**alpha-Chlordane**	**2.67**		ug/kg dry	1.79	5	EPA 8081B	07/10/2025 13:06	07/11/2025 10:58	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		ug/kg dry	1.79	5	EPA 8081B	07/10/2025 13:06	07/11/2025 10:58	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
319-86-8	delta-BHC	ND		ug/kg dry	1.79	5	EPA 8081B	07/10/2025 13:06	07/11/2025 10:58	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
60-57-1	Dieldrin	ND		ug/kg dry	1.79	5	EPA 8081B	07/10/2025 13:06	07/11/2025 10:58	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
959-98-8	Endosulfan I	ND		ug/kg dry	1.79	5	EPA 8081B	07/10/2025 13:06	07/11/2025 10:58	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
33213-65-9	Endosulfan II	ND		ug/kg dry	1.79	5	EPA 8081B	07/10/2025 13:06	07/11/2025 10:58	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.79	5	EPA 8081B	07/10/2025 13:06	07/11/2025 10:58	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
72-20-8	Endrin	ND		ug/kg dry	1.79	5	EPA 8081B	07/10/2025 13:06	07/11/2025 10:58	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.79	5	EPA 8081B	07/10/2025 13:06	07/11/2025 10:58	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
76-44-8	Heptachlor	ND		ug/kg dry	1.79	5	EPA 8081B	07/10/2025 13:06	07/11/2025 10:58	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*68.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*78.4 %*	*30-150*

Polychlorinated biphenyl, 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0179	1	EPA 8082A	07/10/2025 13:04	07/12/2025 08:19	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0179	1	EPA 8082A	07/10/2025 13:04	07/12/2025 08:19	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0179	1	EPA 8082A	07/10/2025 13:04	07/12/2025 08:19	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: DB-1 **York Sample ID:** 25G0474-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0474	236 Richmond Valley Road, Staten Island A22-115.8 JB	Soil	July 7, 2025 9:20 am	07/08/2025

Polychlorinated biphenyl, 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0179	1	EPA 8082A	07/10/2025 13:04	07/12/2025 08:19	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0179	1	EPA 8082A	07/10/2025 13:04	07/12/2025 08:19	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
11097-69-1	**Aroclor 1254**	**0.0862**		mg/kg dry	0.0179	1	EPA 8082A	07/10/2025 13:04	07/12/2025 08:19	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-0444(		
11096-82-5	**Aroclor 1260**	**0.0692**		mg/kg dry	0.0179	1	EPA 8082A	07/10/2025 13:04	07/12/2025 08:19	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-0444(		
1336-36-3	*** Total PCBs**	**0.155**		mg/kg dry	0.0179	1	EPA 8082A	07/10/2025 13:04	07/12/2025 08:19	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*104 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*64.5 %*	*30-120*

Herbicides,8151 NYSDEC Part 375

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
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	21.4	1	EPA 8151A	07/09/2025 09:21	07/10/2025 15:28	gxb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*93.0 %*	*21-150*

Metals, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**5.11**		mg/kg dry	1.36	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-39-3	**Barium**	**89.6**		mg/kg dry	2.26	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-41-7	**Beryllium**	**0.521**		mg/kg dry	0.046	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-43-9	**Cadmium**	**0.688**		mg/kg dry	0.272	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-47-3	**Chromium**	**22.9**		mg/kg dry	0.453	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-50-8	**Copper**	**1100**		mg/kg dry	1.81	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7439-92-1	**Lead**	**334**		mg/kg dry	0.453	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		

Sample Information

Client Sample ID: DB-1 **York Sample ID:** 25G0474-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0474	236 Richmond Valley Road, Staten Island A22-115.8 JB	Soil	July 7, 2025 9:20 am	07/08/2025

Metals, NYSDEC Part 375

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
7439-96-5	**Manganese**	**241**		mg/kg dry	0.453	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-02-0	**Nickel**	**37.0**		mg/kg dry	0.902	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7782-49-2	Selenium	ND		mg/kg dry	2.26	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-22-4	Silver	ND		mg/kg dry	0.456	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-66-6	**Zinc**	**1600**		mg/kg dry	2.25	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:55	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.245**		mg/kg dry	0.0326	1	EPA 7473	07/09/2025 09:28	07/11/2025 09:02	DBT
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-0444(		

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	0.543	1	EPA 7196A	07/11/2025 09:37	07/11/2025 16:26	JMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		

Chromium, Trivalent

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
16065-83-1	*** Chromium, Trivalent**	**22.9**		mg/kg	0.500	1	Calculation	07/14/2025 15:46	07/14/2025 18:15	SL
							Certifications:			

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	0.543	1	EPA 9014/9010C	07/11/2025 14:53	07/11/2025 17:45	sml
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		

Total Solids

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

Sample Prepared by Method: % Solids Prep

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

Sample Information

Client Sample ID: DB-1 **York Sample ID:** 25G0474-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0474	236 Richmond Valley Road, Staten Island A22-115.8 JB	Soil	July 7, 2025 9:20 am	07/08/2025

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**92.0**		%	0.100	1	SM 2540G	07/09/2025 07:15	07/09/2025 09:29	BF
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: DB-2 **York Sample ID:** 25G0474-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0474	236 Richmond Valley Road, Staten Island A22-115.8 JB	Soil	July 7, 2025 9:10 am	07/08/2025

Volatiles, 8260 NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	07/09/2025 11:23	07/09/2025 19:26	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	07/09/2025 11:23	07/09/2025 19:26	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	07/09/2025 11:23	07/09/2025 19:26	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	07/09/2025 11:23	07/09/2025 19:26	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	07/09/2025 11:23	07/09/2025 19:26	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	07/09/2025 11:23	07/09/2025 19:26	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	07/09/2025 11:23	07/09/2025 19:26	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	07/09/2025 11:23	07/09/2025 19:26	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	07/09/2025 11:23	07/09/2025 19:26	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.058	0.12	1	EPA 8260D	07/09/2025 11:23	07/09/2025 19:26	PRS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	07/09/2025 11:23	07/09/2025 19:26	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
67-64-1	Acetone	ND		mg/kg dry	0.0058	0.012	1	EPA 8260D	07/09/2025 11:23	07/09/2025 19:26	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
71-43-2	Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	07/09/2025 11:23	07/09/2025 19:26	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	07/09/2025 11:23	07/09/2025 19:26	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			

Sample Information

Client Sample ID: DB-2 **York Sample ID:** 25G0474-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0474	236 Richmond Valley Road, Staten Island A22-115.8 JB	Soil	July 7, 2025 9:10 am	07/08/2025

Volatiles, 8260 NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	07/09/2025 11:23	07/09/2025 19:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
67-66-3	Chloroform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	07/09/2025 11:23	07/09/2025 19:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	07/09/2025 11:23	07/09/2025 19:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	07/09/2025 11:23	07/09/2025 19:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	07/09/2025 11:23	07/09/2025 19:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
75-09-2	Methylene chloride	ND		mg/kg dry	0.0058	0.012	1	EPA 8260D Certifications:	07/09/2025 11:23	07/09/2025 19:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
91-20-3	Naphthalene	ND		mg/kg dry	0.0029	0.012	1	EPA 8260D Certifications:	07/09/2025 11:23	07/09/2025 19:26 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	PRS
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	07/09/2025 11:23	07/09/2025 19:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	07/09/2025 11:23	07/09/2025 19:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
95-47-6	o-Xylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	07/09/2025 11:23	07/09/2025 19:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044	PRS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0058	0.012	1	EPA 8260D Certifications:	07/09/2025 11:23	07/09/2025 19:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044	PRS
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	07/09/2025 11:23	07/09/2025 19:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	07/09/2025 11:23	07/09/2025 19:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	07/09/2025 11:23	07/09/2025 19:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
108-88-3	Toluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	07/09/2025 11:23	07/09/2025 19:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	07/09/2025 11:23	07/09/2025 19:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	07/09/2025 11:23	07/09/2025 19:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	07/09/2025 11:23	07/09/2025 19:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0087	0.017	1	EPA 8260D Certifications:	07/09/2025 11:23	07/09/2025 19:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	PRS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*98.9 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.1 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*109 %*	*76-130*

Semi-Volatiles, 8270 NYDEC Part 375

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: DB-2 **York Sample ID:** 25G0474-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0474	236 Richmond Valley Road, Staten Island A22-115.8 JB	Soil	July 7, 2025 9:10 am	07/08/2025

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/kg dry	48.3	96.4	2	EPA 8270E	07/10/2025 13:08	07/11/2025 14:17	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	48.3	96.4	2	EPA 8270E	07/10/2025 13:08	07/11/2025 14:17	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
83-32-9	Acenaphthene	ND		ug/kg dry	48.3	96.4	2	EPA 8270E	07/10/2025 13:08	07/11/2025 14:17	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
208-96-8	Acenaphthylene	ND		ug/kg dry	48.3	96.4	2	EPA 8270E	07/10/2025 13:08	07/11/2025 14:17	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	**Anthracene**	**77.0**	J	ug/kg dry	48.3	96.4	2	EPA 8270E	07/10/2025 13:08	07/11/2025 14:17	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
56-55-3	**Benzo(a)anthracene**	**309**		ug/kg dry	48.3	96.4	2	EPA 8270E	07/10/2025 13:08	07/11/2025 14:17	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
50-32-8	**Benzo(a)pyrene**	**275**		ug/kg dry	48.3	96.4	2	EPA 8270E	07/10/2025 13:08	07/11/2025 14:17	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
205-99-2	**Benzo(b)fluoranthene**	**366**		ug/kg dry	48.3	96.4	2	EPA 8270E	07/10/2025 13:08	07/11/2025 14:17	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
191-24-2	**Benzo(g,h,i)perylene**	**180**		ug/kg dry	48.3	96.4	2	EPA 8270E	07/10/2025 13:08	07/11/2025 14:17	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
207-08-9	**Benzo(k)fluoranthene**	**134**		ug/kg dry	48.3	96.4	2	EPA 8270E	07/10/2025 13:08	07/11/2025 14:17	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
218-01-9	**Chrysene**	**312**		ug/kg dry	48.3	96.4	2	EPA 8270E	07/10/2025 13:08	07/11/2025 14:17	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	48.3	96.4	2	EPA 8270E	07/10/2025 13:08	07/11/2025 14:17	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
132-64-9	Dibenzofuran	ND		ug/kg dry	48.3	96.4	2	EPA 8270E	07/10/2025 13:08	07/11/2025 14:17	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
206-44-0	**Fluoranthene**	**500**		ug/kg dry	48.3	96.4	2	EPA 8270E	07/10/2025 13:08	07/11/2025 14:17	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
86-73-7	Fluorene	ND		ug/kg dry	48.3	96.4	2	EPA 8270E	07/10/2025 13:08	07/11/2025 14:17	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		ug/kg dry	48.3	96.4	2	EPA 8270E	07/10/2025 13:08	07/11/2025 14:17	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**169**		ug/kg dry	48.3	96.4	2	EPA 8270E	07/10/2025 13:08	07/11/2025 14:17	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
91-20-3	Naphthalene	ND		ug/kg dry	48.3	96.4	2	EPA 8270E	07/10/2025 13:08	07/11/2025 14:17	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
87-86-5	Pentachlorophenol	ND	CAL-E	ug/kg dry	48.3	96.4	2	EPA 8270E	07/10/2025 13:08	07/11/2025 14:17	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-01-8	**Phenanthrene**	**222**		ug/kg dry	48.3	96.4	2	EPA 8270E	07/10/2025 13:08	07/11/2025 14:17	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
108-95-2	Phenol	ND		ug/kg dry	48.3	96.4	2	EPA 8270E	07/10/2025 13:08	07/11/2025 14:17	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
129-00-0	**Pyrene**	**511**		ug/kg dry	48.3	96.4	2	EPA 8270E	07/10/2025 13:08	07/11/2025 14:17	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*24.8 %*	*20-108*

Sample Information

Client Sample ID: DB-2 **York Sample ID:** 25G0474-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0474	236 Richmond Valley Road, Staten Island A22-115.8 JB	Soil	July 7, 2025 9:10 am	07/08/2025

Semi-Volatiles, 8270 NYDEC Part 375

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13127-88-3	*Surrogate: SURR: Phenol-d6*	*19.7 %*	S-08		*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*26.2 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*23.1 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*24.3 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*27.3 %*			*24-116*						

PEST, 8081 NYSDEC Part 375

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	1.92	5	EPA 8081B	07/10/2025 13:06	07/11/2025 11:15	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
72-55-9	4,4'-DDE	ND		ug/kg dry	1.92	5	EPA 8081B	07/10/2025 13:06	07/11/2025 11:15	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
50-29-3	4,4'-DDT	ND		ug/kg dry	1.92	5	EPA 8081B	07/10/2025 13:06	07/11/2025 11:15	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
309-00-2	Aldrin	ND		ug/kg dry	1.92	5	EPA 8081B	07/10/2025 13:06	07/11/2025 11:15	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
319-84-6	alpha-BHC	ND		ug/kg dry	1.92	5	EPA 8081B	07/10/2025 13:06	07/11/2025 11:15	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
5103-71-9	**alpha-Chlordane**	**2.20**		ug/kg dry	1.92	5	EPA 8081B	07/10/2025 13:06	07/11/2025 11:15	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		ug/kg dry	1.92	5	EPA 8081B	07/10/2025 13:06	07/11/2025 11:15	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
319-86-8	delta-BHC	ND		ug/kg dry	1.92	5	EPA 8081B	07/10/2025 13:06	07/11/2025 11:15	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
60-57-1	**Dieldrin**	**3.40**		ug/kg dry	1.92	5	EPA 8081B	07/10/2025 13:06	07/11/2025 11:15	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
959-98-8	Endosulfan I	ND		ug/kg dry	1.92	5	EPA 8081B	07/10/2025 13:06	07/11/2025 11:15	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
33213-65-9	Endosulfan II	ND		ug/kg dry	1.92	5	EPA 8081B	07/10/2025 13:06	07/11/2025 11:15	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.92	5	EPA 8081B	07/10/2025 13:06	07/11/2025 11:15	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
72-20-8	Endrin	ND		ug/kg dry	1.92	5	EPA 8081B	07/10/2025 13:06	07/11/2025 11:15	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.92	5	EPA 8081B	07/10/2025 13:06	07/11/2025 11:15	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
76-44-8	Heptachlor	ND		ug/kg dry	1.92	5	EPA 8081B	07/10/2025 13:06	07/11/2025 11:15	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*75.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*84.7 %*	*30-150*

Sample Information

Client Sample ID: DB-2 **York Sample ID:** 25G0474-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0474	236 Richmond Valley Road, Staten Island A22-115.8 JB	Soil	July 7, 2025 9:10 am	07/08/2025

Polychlorinated biphenyl, 8082 List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0192	1	EPA 8082A	07/10/2025 13:04	07/12/2025 08:32	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0192	1	EPA 8082A	07/10/2025 13:04	07/12/2025 08:32	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0192	1	EPA 8082A	07/10/2025 13:04	07/12/2025 08:32	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0192	1	EPA 8082A	07/10/2025 13:04	07/12/2025 08:32	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0192	1	EPA 8082A	07/10/2025 13:04	07/12/2025 08:32	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0192	1	EPA 8082A	07/10/2025 13:04	07/12/2025 08:32	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
11096-82-5	**Aroclor 1260**	**0.0276**		mg/kg dry	0.0192	1	EPA 8082A	07/10/2025 13:04	07/12/2025 08:32	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-0444(		
1336-36-3	*** Total PCBs**	**0.0276**		mg/kg dry	0.0192	1	EPA 8082A	07/10/2025 13:04	07/12/2025 08:32	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*80.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*52.0 %*	*30-120*

Herbicides,8151 NYSDEC Part 375

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
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	23.0	1	EPA 8151A	07/09/2025 09:21	07/10/2025 15:35	gxb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*75.8 %*	*21-150*

Metals, NYSDEC Part 375

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**5.60**		mg/kg dry	1.45	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-39-3	**Barium**	**71.2**		mg/kg dry	2.42	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-41-7	**Beryllium**	**0.457**		mg/kg dry	0.049	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-43-9	**Cadmium**	**0.698**		mg/kg dry	0.291	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		

Sample Information

Client Sample ID: DB-2 **York Sample ID:** 25G0474-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0474	236 Richmond Valley Road, Staten Island A22-115.8 JB	Soil	July 7, 2025 9:10 am	07/08/2025

Metals, NYSDEC Part 375

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
7440-47-3	**Chromium**	**23.1**		mg/kg dry	0.485	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-50-8	**Copper**	**728**		mg/kg dry	1.94	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7439-92-1	**Lead**	**303**		mg/kg dry	0.485	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7439-96-5	**Manganese**	**217**		mg/kg dry	0.485	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-02-0	**Nickel**	**33.6**		mg/kg dry	0.966	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7782-49-2	Selenium	ND		mg/kg dry	2.42	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-22-4	Silver	ND		mg/kg dry	0.489	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-66-6	**Zinc**	**441**		mg/kg dry	2.41	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:56	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.195**		mg/kg dry	0.0349	1	EPA 7473	07/09/2025 09:28	07/11/2025 09:02	DBT
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-0444(		

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	07/11/2025 09:37	07/11/2025 16:26	JMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		

Chromium, Trivalent

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
16065-83-1	*** Chromium, Trivalent**	**23.1**		mg/kg	0.500	1	Calculation	07/14/2025 15:46	07/14/2025 18:15	SL
							Certifications:			

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	07/14/2025 10:08	07/14/2025 16:41	JMT
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: DB-2 **York Sample ID:** 25G0474-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0474	236 Richmond Valley Road, Staten Island A22-115.8 JB	Soil	July 7, 2025 9:10 am	07/08/2025

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**86.0**		%	0.100	1	SM 2540G	07/09/2025 07:15	07/09/2025 09:29	BF
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: DB-3 **York Sample ID:** 25G0474-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0474	236 Richmond Valley Road, Staten Island A22-115.8 JB	Soil	July 7, 2025 9:05 am	07/08/2025

Volatiles, 8260 NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	07/09/2025 11:23	07/09/2025 19:54	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	07/09/2025 11:23	07/09/2025 19:54	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	07/09/2025 11:23	07/09/2025 19:54	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	07/09/2025 11:23	07/09/2025 19:54	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	07/09/2025 11:23	07/09/2025 19:54	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	07/09/2025 11:23	07/09/2025 19:54	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	07/09/2025 11:23	07/09/2025 19:54	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	07/09/2025 11:23	07/09/2025 19:54	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	07/09/2025 11:23	07/09/2025 19:54	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.060	0.12	1	EPA 8260D	07/09/2025 11:23	07/09/2025 19:54	PRS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	07/09/2025 11:23	07/09/2025 19:54	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
67-64-1	Acetone	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	07/09/2025 11:23	07/09/2025 19:54	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
71-43-2	Benzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	07/09/2025 11:23	07/09/2025 19:54	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	07/09/2025 11:23	07/09/2025 19:54	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			

Sample Information

Client Sample ID: DB-3 **York Sample ID:** 25G0474-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0474	236 Richmond Valley Road, Staten Island A22-115.8 JB	Soil	July 7, 2025 9:05 am	07/08/2025

Volatiles, 8260 NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	07/09/2025 11:23	07/09/2025 19:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
67-66-3	Chloroform	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	07/09/2025 11:23	07/09/2025 19:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	07/09/2025 11:23	07/09/2025 19:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	07/09/2025 11:23	07/09/2025 19:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	07/09/2025 11:23	07/09/2025 19:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
75-09-2	Methylene chloride	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications:	07/09/2025 11:23	07/09/2025 19:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
91-20-3	Naphthalene	ND		mg/kg dry	0.0030	0.012	1	EPA 8260D Certifications:	07/09/2025 11:23	07/09/2025 19:54 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	PRS
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	07/09/2025 11:23	07/09/2025 19:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	07/09/2025 11:23	07/09/2025 19:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
95-47-6	o-Xylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	07/09/2025 11:23	07/09/2025 19:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044	PRS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications:	07/09/2025 11:23	07/09/2025 19:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044	PRS
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	07/09/2025 11:23	07/09/2025 19:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	07/09/2025 11:23	07/09/2025 19:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	07/09/2025 11:23	07/09/2025 19:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
108-88-3	Toluene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	07/09/2025 11:23	07/09/2025 19:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	07/09/2025 11:23	07/09/2025 19:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	07/09/2025 11:23	07/09/2025 19:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	07/09/2025 11:23	07/09/2025 19:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0090	0.018	1	EPA 8260D Certifications:	07/09/2025 11:23	07/09/2025 19:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	PRS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.9 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*113 %*	*76-130*

Semi-Volatiles, 8270 NYDEC Part 375

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: DB-3 **York Sample ID:** 25G0474-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0474	236 Richmond Valley Road, Staten Island A22-115.8 JB	Soil	July 7, 2025 9:05 am	07/08/2025

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/kg dry	49.7	99.1	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 14:37	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	49.7	99.1	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 14:37	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
83-32-9	Acenaphthene	ND		ug/kg dry	49.7	99.1	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 14:37	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
208-96-8	Acenaphthylene	ND		ug/kg dry	49.7	99.1	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 14:37	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
120-12-7	Anthracene	ND		ug/kg dry	49.7	99.1	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 14:37	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
56-55-3	**Benzo(a)anthracene**	**101**		ug/kg dry	49.7	99.1	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 14:37	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(
50-32-8	**Benzo(a)pyrene**	**125**		ug/kg dry	49.7	99.1	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 14:37	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(
205-99-2	**Benzo(b)fluoranthene**	**169**		ug/kg dry	49.7	99.1	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 14:37	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(
191-24-2	**Benzo(g,h,i)perylene**	**120**		ug/kg dry	49.7	99.1	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 14:37	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(
207-08-9	**Benzo(k)fluoranthene**	**64.9**	J	ug/kg dry	49.7	99.1	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 14:37	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(
218-01-9	**Chrysene**	**99.8**		ug/kg dry	49.7	99.1	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 14:37	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	49.7	99.1	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 14:37	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
132-64-9	Dibenzofuran	ND		ug/kg dry	49.7	99.1	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 14:37	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
206-44-0	**Fluoranthene**	**166**		ug/kg dry	49.7	99.1	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 14:37	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(
86-73-7	Fluorene	ND		ug/kg dry	49.7	99.1	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 14:37	SR NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
118-74-1	Hexachlorobenzene	ND		ug/kg dry	49.7	99.1	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 14:37	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
193-39-5	**Indeno(1,2,3-cd)pyrene**	**112**		ug/kg dry	49.7	99.1	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 14:37	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(
91-20-3	Naphthalene	ND		ug/kg dry	49.7	99.1	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 14:37	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
87-86-5	Pentachlorophenol	ND		ug/kg dry	49.7	99.1	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 14:37	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
85-01-8	**Phenanthrene**	**76.0**	J	ug/kg dry	49.7	99.1	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 14:37	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(
108-95-2	Phenol	ND		ug/kg dry	49.7	99.1	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 14:37	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
129-00-0	**Pyrene**	**136**		ug/kg dry	49.7	99.1	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 14:37	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*65.3 %*	*20-108*

Sample Information

Client Sample ID: DB-3 **York Sample ID:** 25G0474-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0474	236 Richmond Valley Road, Staten Island A22-115.8 JB	Soil	July 7, 2025 9:05 am	07/08/2025

Semi-Volatiles, 8270 NYDEC Part 375

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13127-88-3	*Surrogate: SURR: Phenol-d6*	*60.7 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*61.6 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*63.4 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*105 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*65.9 %*			*24-116*						

PEST, 8081 NYSDEC Part 375

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	1.97	5	EPA 8081B Certifications:	07/10/2025 13:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/11/2025 11:32	RJ
72-55-9	4,4'-DDE	ND		ug/kg dry	1.97	5	EPA 8081B Certifications:	07/10/2025 13:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/11/2025 11:32	RJ
50-29-3	4,4'-DDT	ND		ug/kg dry	1.97	5	EPA 8081B Certifications:	07/10/2025 13:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/11/2025 11:32	RJ
309-00-2	Aldrin	ND		ug/kg dry	1.97	5	EPA 8081B Certifications:	07/10/2025 13:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/11/2025 11:32	RJ
319-84-6	alpha-BHC	ND		ug/kg dry	1.97	5	EPA 8081B Certifications:	07/10/2025 13:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/11/2025 11:32	RJ
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.97	5	EPA 8081B Certifications:	07/10/2025 13:06 NELAC-NY10854,NJDEP-CT005	07/11/2025 11:32	RJ
319-85-7	beta-BHC	ND		ug/kg dry	1.97	5	EPA 8081B Certifications:	07/10/2025 13:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/11/2025 11:32	RJ
319-86-8	delta-BHC	ND		ug/kg dry	1.97	5	EPA 8081B Certifications:	07/10/2025 13:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/11/2025 11:32	RJ
60-57-1	Dieldrin	ND		ug/kg dry	1.97	5	EPA 8081B Certifications:	07/10/2025 13:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/11/2025 11:32	RJ
959-98-8	Endosulfan I	ND		ug/kg dry	1.97	5	EPA 8081B Certifications:	07/10/2025 13:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/11/2025 11:32	RJ
33213-65-9	Endosulfan II	ND		ug/kg dry	1.97	5	EPA 8081B Certifications:	07/10/2025 13:06 CTDOH-PH-0723,NELAC-NY10854	07/11/2025 11:32	RJ
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.97	5	EPA 8081B Certifications:	07/10/2025 13:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/11/2025 11:32	RJ
72-20-8	Endrin	ND		ug/kg dry	1.97	5	EPA 8081B Certifications:	07/10/2025 13:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/11/2025 11:32	RJ
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.97	5	EPA 8081B Certifications:	07/10/2025 13:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/11/2025 11:32	RJ
76-44-8	Heptachlor	ND		ug/kg dry	1.97	5	EPA 8081B Certifications:	07/10/2025 13:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/11/2025 11:32	RJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*64.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*78.7 %*	*30-150*

Sample Information

Client Sample ID: DB-3 **York Sample ID:** 25G0474-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0474	236 Richmond Valley Road, Staten Island A22-115.8 JB	Soil	July 7, 2025 9:05 am	07/08/2025

Polychlorinated biphenyl, 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0197	1	EPA 8082A	07/10/2025 13:04	07/12/2025 08:46	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0197	1	EPA 8082A	07/10/2025 13:04	07/12/2025 08:46	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0197	1	EPA 8082A	07/10/2025 13:04	07/12/2025 08:46	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0197	1	EPA 8082A	07/10/2025 13:04	07/12/2025 08:46	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
12672-29-6	**Aroclor 1248**	**0.189**		mg/kg dry	0.0197	1	EPA 8082A	07/10/2025 13:04	07/12/2025 08:46	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-0444(		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0197	1	EPA 8082A	07/10/2025 13:04	07/12/2025 08:46	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0197	1	EPA 8082A	07/10/2025 13:04	07/12/2025 08:46	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
1336-36-3	*** Total PCBs**	**0.189**		mg/kg dry	0.0197	1	EPA 8082A	07/10/2025 13:04	07/12/2025 08:46	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*76.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*53.0 %*	*30-120*

Herbicides,8151 NYSDEC Part 375

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
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	23.6	1	EPA 8151A	07/09/2025 09:21	07/10/2025 15:41	gxb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*79.4 %*	*21-150*

Metals, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**8.13**		mg/kg dry	1.49	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-39-3	**Barium**	**82.6**		mg/kg dry	2.49	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-41-7	**Beryllium**	**0.619**		mg/kg dry	0.050	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-43-9	**Cadmium**	**0.767**		mg/kg dry	0.299	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		

Sample Information

Client Sample ID: DB-3 **York Sample ID:** 25G0474-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0474	236 Richmond Valley Road, Staten Island A22-115.8 JB	Soil	July 7, 2025 9:05 am	07/08/2025

Metals, NYSDEC Part 375

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
7440-47-3	**Chromium**	**26.2**		mg/kg dry	0.499	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-50-8	**Copper**	**527**		mg/kg dry	1.99	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7439-92-1	**Lead**	**323**		mg/kg dry	0.499	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7439-96-5	**Manganese**	**238**		mg/kg dry	0.499	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-02-0	**Nickel**	**24.0**		mg/kg dry	0.993	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7782-49-2	Selenium	ND		mg/kg dry	2.49	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-22-4	Silver	ND		mg/kg dry	0.502	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-66-6	**Zinc**	**570**		mg/kg dry	2.48	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.193**		mg/kg dry	0.0359	1	EPA 7473	07/09/2025 09:28	07/11/2025 09:02	DBT
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-0444(		

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	0.598	1	EPA 7196A	07/14/2025 10:15	07/14/2025 16:46	JMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		

Chromium, Trivalent

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
16065-83-1	*** Chromium, Trivalent**	**26.2**		mg/kg	0.500	1	Calculation	07/14/2025 15:46	07/14/2025 18:15	SL
							Certifications:			

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	0.598	1	EPA 9014/9010C	07/14/2025 10:08	07/14/2025 16:41	JMT
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: DB-3 **York Sample ID:** 25G0474-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0474	236 Richmond Valley Road, Staten Island A22-115.8 JB	Soil	July 7, 2025 9:05 am	07/08/2025

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**83.6**		%	0.100	1	SM 2540G	07/09/2025 07:15	07/09/2025 09:29	BF
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: DB-4 **York Sample ID:** 25G0474-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0474	236 Richmond Valley Road, Staten Island A22-115.8 JB	Soil	July 7, 2025 8:55 am	07/08/2025

Volatiles, 8260 NYSDEC Part 375 **Log-in Notes:** **Sample Notes:** VOA-Jar

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0059	0.012	1	EPA 8260D	07/11/2025 08:50	07/11/2025 09:29	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0059	0.012	1	EPA 8260D	07/11/2025 08:50	07/11/2025 09:29	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0059	0.012	1	EPA 8260D	07/11/2025 08:50	07/11/2025 09:29	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0059	0.012	1	EPA 8260D	07/11/2025 08:50	07/11/2025 09:29	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0059	0.012	1	EPA 8260D	07/11/2025 08:50	07/11/2025 09:29	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0059	0.012	1	EPA 8260D	07/11/2025 08:50	07/11/2025 09:29	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0059	0.012	1	EPA 8260D	07/11/2025 08:50	07/11/2025 09:29	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0059	0.012	1	EPA 8260D	07/11/2025 08:50	07/11/2025 09:29	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0059	0.012	1	EPA 8260D	07/11/2025 08:50	07/11/2025 09:29	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.12	0.24	1	EPA 8260D	07/11/2025 08:50	07/11/2025 09:29	PRS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		mg/kg dry	0.0059	0.012	1	EPA 8260D	07/11/2025 08:50	07/11/2025 09:29	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
67-64-1	**Acetone**	**0.050**	CCVE	mg/kg dry	0.012	0.024	1	EPA 8260D	07/11/2025 08:50	07/11/2025 09:29	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
71-43-2	Benzene	ND		mg/kg dry	0.0059	0.012	1	EPA 8260D	07/11/2025 08:50	07/11/2025 09:29	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0059	0.012	1	EPA 8260D	07/11/2025 08:50	07/11/2025 09:29	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			

Sample Information

Client Sample ID: DB-4 **York Sample ID:** 25G0474-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0474	236 Richmond Valley Road, Staten Island A22-115.8 JB	Soil	July 7, 2025 8:55 am	07/08/2025

Volatiles, 8260 NYSDEC Part 375

Log-in Notes:

Sample Notes: VOA-Jar

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0059	0.012	1	EPA 8260D Certifications:	07/11/2025 08:50	07/11/2025 09:29	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
67-66-3	Chloroform	ND		mg/kg dry	0.0059	0.012	1	EPA 8260D Certifications:	07/11/2025 08:50	07/11/2025 09:29	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
156-59-2	cis-1,2-Dichloroethylene	ND	CCVE	mg/kg dry	0.0059	0.012	1	EPA 8260D Certifications:	07/11/2025 08:50	07/11/2025 09:29	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0059	0.012	1	EPA 8260D Certifications:	07/11/2025 08:50	07/11/2025 09:29	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0059	0.012	1	EPA 8260D Certifications:	07/11/2025 08:50	07/11/2025 09:29	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
75-09-2	Methylene chloride	ND		mg/kg dry	0.012	0.024	1	EPA 8260D Certifications:	07/11/2025 08:50	07/11/2025 09:29	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
91-20-3	Naphthalene	ND		mg/kg dry	0.0059	0.024	1	EPA 8260D Certifications:	07/11/2025 08:50	07/11/2025 09:29	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0059	0.012	1	EPA 8260D Certifications:	07/11/2025 08:50	07/11/2025 09:29	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0059	0.012	1	EPA 8260D Certifications:	07/11/2025 08:50	07/11/2025 09:29	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
95-47-6	o-Xylene	ND		mg/kg dry	0.0059	0.012	1	EPA 8260D Certifications:	07/11/2025 08:50	07/11/2025 09:29	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.012	0.024	1	EPA 8260D Certifications:	07/11/2025 08:50	07/11/2025 09:29	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0059	0.012	1	EPA 8260D Certifications:	07/11/2025 08:50	07/11/2025 09:29	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0059	0.012	1	EPA 8260D Certifications:	07/11/2025 08:50	07/11/2025 09:29	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0059	0.012	1	EPA 8260D Certifications:	07/11/2025 08:50	07/11/2025 09:29	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
108-88-3	Toluene	ND		mg/kg dry	0.0059	0.012	1	EPA 8260D Certifications:	07/11/2025 08:50	07/11/2025 09:29	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0059	0.012	1	EPA 8260D Certifications:	07/11/2025 08:50	07/11/2025 09:29	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0059	0.012	1	EPA 8260D Certifications:	07/11/2025 08:50	07/11/2025 09:29	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0059	0.012	1	EPA 8260D Certifications:	07/11/2025 08:50	07/11/2025 09:29	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.018	0.035	1	EPA 8260D Certifications:	07/11/2025 08:50	07/11/2025 09:29	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*96.8 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*113 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*114 %*	*76-130*

Semi-Volatiles, 8270 NYDEC Part 375

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: DB-4 **York Sample ID:** 25G0474-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0474	236 Richmond Valley Road, Staten Island A22-115.8 JB	Soil	July 7, 2025 8:55 am	07/08/2025

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/kg dry	78.4	156	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 15:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	AK
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	78.4	156	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 15:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	AK
83-32-9	Acenaphthene	ND		ug/kg dry	78.4	156	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 15:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	AK
208-96-8	Acenaphthylene	ND		ug/kg dry	78.4	156	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 15:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	AK
120-12-7	Anthracene	ND		ug/kg dry	78.4	156	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 15:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	AK
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	78.4	156	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 15:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	AK
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	78.4	156	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 15:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	AK
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	78.4	156	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 15:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	AK
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	78.4	156	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 15:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	AK
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	78.4	156	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 15:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	AK
218-01-9	**Chrysene**	**85.0**	J	ug/kg dry	78.4	156	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 15:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(	AK
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	78.4	156	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 15:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	AK
132-64-9	Dibenzofuran	ND		ug/kg dry	78.4	156	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 15:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	AK
206-44-0	**Fluoranthene**	**125**	J	ug/kg dry	78.4	156	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 15:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(	AK
86-73-7	Fluorene	ND		ug/kg dry	78.4	156	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 15:06 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	AK
118-74-1	Hexachlorobenzene	ND		ug/kg dry	78.4	156	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 15:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	AK
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	78.4	156	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 15:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	AK
91-20-3	Naphthalene	ND		ug/kg dry	78.4	156	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 15:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	AK
87-86-5	Pentachlorophenol	ND		ug/kg dry	78.4	156	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 15:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	AK
85-01-8	Phenanthrene	ND		ug/kg dry	78.4	156	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 15:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	AK
108-95-2	Phenol	ND		ug/kg dry	78.4	156	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 15:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	AK
129-00-0	**Pyrene**	**95.0**	J	ug/kg dry	78.4	156	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 15:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(	AK

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*27.2 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*26.4 %*	*23-114*

Sample Information

Client Sample ID: DB-4 **York Sample ID:** 25G0474-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0474	236 Richmond Valley Road, Staten Island A22-115.8 JB	Soil	July 7, 2025 8:55 am	07/08/2025

Semi-Volatiles, 8270 NYDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*33.8 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*32.2 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*49.4 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*36.5 %*			*24-116*						

PEST, 8081 NYSDEC Part 375

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	3.14	5	EPA 8081B Certifications:	07/10/2025 13:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/11/2025 11:49	RJ
72-55-9	4,4'-DDE	ND		ug/kg dry	3.14	5	EPA 8081B Certifications:	07/10/2025 13:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/11/2025 11:49	RJ
50-29-3	4,4'-DDT	ND		ug/kg dry	3.14	5	EPA 8081B Certifications:	07/10/2025 13:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/11/2025 11:49	RJ
309-00-2	Aldrin	ND		ug/kg dry	3.14	5	EPA 8081B Certifications:	07/10/2025 13:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/11/2025 11:49	RJ
319-84-6	alpha-BHC	ND		ug/kg dry	3.14	5	EPA 8081B Certifications:	07/10/2025 13:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/11/2025 11:49	RJ
5103-71-9	alpha-Chlordane	ND		ug/kg dry	3.14	5	EPA 8081B Certifications:	07/10/2025 13:06 NELAC-NY10854,NJDEP-CT005	07/11/2025 11:49	RJ
319-85-7	beta-BHC	ND		ug/kg dry	3.14	5	EPA 8081B Certifications:	07/10/2025 13:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/11/2025 11:49	RJ
319-86-8	delta-BHC	ND		ug/kg dry	3.14	5	EPA 8081B Certifications:	07/10/2025 13:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/11/2025 11:49	RJ
60-57-1	Dieldrin	ND		ug/kg dry	3.14	5	EPA 8081B Certifications:	07/10/2025 13:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/11/2025 11:49	RJ
959-98-8	Endosulfan I	ND		ug/kg dry	3.14	5	EPA 8081B Certifications:	07/10/2025 13:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/11/2025 11:49	RJ
33213-65-9	Endosulfan II	ND		ug/kg dry	3.14	5	EPA 8081B Certifications:	07/10/2025 13:06 CTDOH-PH-0723,NELAC-NY10854	07/11/2025 11:49	RJ
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	3.14	5	EPA 8081B Certifications:	07/10/2025 13:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/11/2025 11:49	RJ
72-20-8	Endrin	ND		ug/kg dry	3.14	5	EPA 8081B Certifications:	07/10/2025 13:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/11/2025 11:49	RJ
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	3.14	5	EPA 8081B Certifications:	07/10/2025 13:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/11/2025 11:49	RJ
76-44-8	Heptachlor	ND		ug/kg dry	3.14	5	EPA 8081B Certifications:	07/10/2025 13:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/11/2025 11:49	RJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*60.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*73.5 %*	*30-150*

Sample Information

Client Sample ID: DB-4 **York Sample ID:** 25G0474-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0474	236 Richmond Valley Road, Staten Island A22-115.8 JB	Soil	July 7, 2025 8:55 am	07/08/2025

Polychlorinated biphenyl, 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0312	1	EPA 8082A	07/10/2025 13:04	07/12/2025 09:00	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0312	1	EPA 8082A	07/10/2025 13:04	07/12/2025 09:00	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0312	1	EPA 8082A	07/10/2025 13:04	07/12/2025 09:00	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0312	1	EPA 8082A	07/10/2025 13:04	07/12/2025 09:00	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
12672-29-6	**Aroclor 1248**	**0.0968**		mg/kg dry	0.0312	1	EPA 8082A	07/10/2025 13:04	07/12/2025 09:00	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-0444(		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0312	1	EPA 8082A	07/10/2025 13:04	07/12/2025 09:00	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0312	1	EPA 8082A	07/10/2025 13:04	07/12/2025 09:00	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
1336-36-3	*** Total PCBs**	**0.0968**		mg/kg dry	0.0312	1	EPA 8082A	07/10/2025 13:04	07/12/2025 09:00	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*71.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*55.0 %*	*30-120*

Herbicides,8151 NYSDEC Part 375

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
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	37.5	1	EPA 8151A	07/09/2025 09:21	07/10/2025 15:47	gxb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*68.8 %*	*21-150*

Metals, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**4.99**		mg/kg dry	2.38	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-39-3	**Barium**	**59.8**		mg/kg dry	3.95	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-41-7	**Beryllium**	**0.090**		mg/kg dry	0.080	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-43-9	**Cadmium**	**0.586**		mg/kg dry	0.475	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		

Sample Information

Client Sample ID: DB-4 **York Sample ID:** 25G0474-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0474	236 Richmond Valley Road, Staten Island A22-115.8 JB	Soil	July 7, 2025 8:55 am	07/08/2025

Metals, NYSDEC Part 375

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
7440-47-3	**Chromium**	**17.0**		mg/kg dry	0.792	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-50-8	**Copper**	**175**		mg/kg dry	3.17	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7439-92-1	**Lead**	**63.6**		mg/kg dry	0.792	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7439-96-5	**Manganese**	**202**		mg/kg dry	0.792	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-02-0	**Nickel**	**10.7**		mg/kg dry	1.58	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7782-49-2	Selenium	ND		mg/kg dry	3.96	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-22-4	Silver	ND		mg/kg dry	0.798	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-66-6	**Zinc**	**221**		mg/kg dry	3.94	1	EPA 6010D	07/10/2025 09:07	07/11/2025 10:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0846**		mg/kg dry	0.0570	1	EPA 7473	07/09/2025 09:28	07/11/2025 09:02	DBT
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-0444(		

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	0.950	1	EPA 7196A	07/14/2025 10:15	07/14/2025 16:46	JMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		

Chromium, Trivalent

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
16065-83-1	*** Chromium, Trivalent**	**17.0**		mg/kg	0.500	1	Calculation	07/14/2025 15:46	07/14/2025 18:15	SL
							Certifications:			

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	0.950	1	EPA 9014/9010C	07/14/2025 10:08	07/14/2025 16:41	JMT
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: DB-4 **York Sample ID:** 25G0474-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0474	236 Richmond Valley Road, Staten Island A22-115.8 JB	Soil	July 7, 2025 8:55 am	07/08/2025

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**52.6**		%	0.100	1	SM 2540G	07/09/2025 07:15	07/09/2025 09:29	BF
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: DB-5 **York Sample ID:** 25G0474-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0474	236 Richmond Valley Road, Staten Island A22-115.8 JB	Soil	July 7, 2025 8:40 am	07/08/2025

Volatiles, 8260 NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	07/09/2025 16:22	07/10/2025 04:34	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	07/09/2025 16:22	07/10/2025 04:34	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	07/09/2025 16:22	07/10/2025 04:34	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	07/09/2025 16:22	07/10/2025 04:34	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	07/09/2025 16:22	07/10/2025 04:34	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	07/09/2025 16:22	07/10/2025 04:34	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	07/09/2025 16:22	07/10/2025 04:34	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	07/09/2025 16:22	07/10/2025 04:34	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	07/09/2025 16:22	07/10/2025 04:34	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.064	0.13	1	EPA 8260D	07/09/2025 16:22	07/10/2025 04:34	PRS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	07/09/2025 16:22	07/10/2025 04:34	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
67-64-1	**Acetone**	**0.0066**	J	mg/kg dry	0.0064	0.013	1	EPA 8260D	07/09/2025 16:22	07/10/2025 04:34	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
71-43-2	Benzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	07/09/2025 16:22	07/10/2025 04:34	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	07/09/2025 16:22	07/10/2025 04:34	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			

Sample Information

Client Sample ID: DB-5 **York Sample ID:** 25G0474-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0474	236 Richmond Valley Road, Staten Island A22-115.8 JB	Soil	July 7, 2025 8:40 am	07/08/2025

Volatiles, 8260 NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	07/09/2025 16:22	07/10/2025 04:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
67-66-3	Chloroform	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	07/09/2025 16:22	07/10/2025 04:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	07/09/2025 16:22	07/10/2025 04:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	07/09/2025 16:22	07/10/2025 04:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	07/09/2025 16:22	07/10/2025 04:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
75-09-2	Methylene chloride	ND		mg/kg dry	0.0064	0.013	1	EPA 8260D Certifications:	07/09/2025 16:22	07/10/2025 04:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
91-20-3	Naphthalene	ND		mg/kg dry	0.0032	0.013	1	EPA 8260D Certifications:	07/09/2025 16:22	07/10/2025 04:34 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	PRS
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	07/09/2025 16:22	07/10/2025 04:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	07/09/2025 16:22	07/10/2025 04:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
95-47-6	o-Xylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	07/09/2025 16:22	07/10/2025 04:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044	PRS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0064	0.013	1	EPA 8260D Certifications:	07/09/2025 16:22	07/10/2025 04:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044	PRS
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	07/09/2025 16:22	07/10/2025 04:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	07/09/2025 16:22	07/10/2025 04:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	07/09/2025 16:22	07/10/2025 04:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
108-88-3	Toluene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	07/09/2025 16:22	07/10/2025 04:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	07/09/2025 16:22	07/10/2025 04:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	07/09/2025 16:22	07/10/2025 04:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	07/09/2025 16:22	07/10/2025 04:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0097	0.019	1	EPA 8260D Certifications:	07/09/2025 16:22	07/10/2025 04:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	PRS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.5 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*113 %*	*76-130*

Semi-Volatiles, 8270 NYDEC Part 375

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: DB-5 **York Sample ID:** 25G0474-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0474	236 Richmond Valley Road, Staten Island A22-115.8 JB	Soil	July 7, 2025 8:40 am	07/08/2025

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/kg dry	50.6	101	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 11:17	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	50.6	101	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 11:17	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
83-32-9	Acenaphthene	ND		ug/kg dry	50.6	101	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 11:17	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
208-96-8	Acenaphthylene	ND		ug/kg dry	50.6	101	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 11:17	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
120-12-7	**Anthracene**	**71.0**	J	ug/kg dry	50.6	101	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 11:17	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(
56-55-3	**Benzo(a)anthracene**	**291**		ug/kg dry	50.6	101	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 11:17	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(
50-32-8	**Benzo(a)pyrene**	**311**		ug/kg dry	50.6	101	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 11:17	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(
205-99-2	**Benzo(b)fluoranthene**	**427**		ug/kg dry	50.6	101	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 11:17	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(
191-24-2	**Benzo(g,h,i)perylene**	**241**		ug/kg dry	50.6	101	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 11:17	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(
207-08-9	**Benzo(k)fluoranthene**	**161**		ug/kg dry	50.6	101	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 11:17	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(
218-01-9	**Chrysene**	**292**		ug/kg dry	50.6	101	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 11:17	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(
53-70-3	**Dibenzo(a,h)anthracene**	**58.1**	J	ug/kg dry	50.6	101	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 11:17	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(
132-64-9	Dibenzofuran	ND		ug/kg dry	50.6	101	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 11:17	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
206-44-0	**Fluoranthene**	**480**		ug/kg dry	50.6	101	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 11:17	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(
86-73-7	Fluorene	ND		ug/kg dry	50.6	101	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 11:17	SR NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
118-74-1	Hexachlorobenzene	ND		ug/kg dry	50.6	101	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 11:17	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
193-39-5	**Indeno(1,2,3-cd)pyrene**	**236**		ug/kg dry	50.6	101	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 11:17	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(
91-20-3	Naphthalene	ND		ug/kg dry	50.6	101	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 11:17	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
87-86-5	Pentachlorophenol	ND		ug/kg dry	50.6	101	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 11:17	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
85-01-8	**Phenanthrene**	**213**		ug/kg dry	50.6	101	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 11:17	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(
108-95-2	Phenol	ND		ug/kg dry	50.6	101	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 11:17	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
129-00-0	**Pyrene**	**375**		ug/kg dry	50.6	101	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 11:17	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*62.4 %*	*20-108*

Sample Information

Client Sample ID: DB-5 **York Sample ID:** 25G0474-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0474	236 Richmond Valley Road, Staten Island A22-115.8 JB	Soil	July 7, 2025 8:40 am	07/08/2025

Semi-Volatiles, 8270 NYDEC Part 375

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13127-88-3	*Surrogate: SURR: Phenol-d6*	*57.4 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*64.5 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*61.6 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*103 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*65.0 %*			*24-116*						

PEST, 8081 NYSDEC Part 375

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	2.02	5	EPA 8081B	07/10/2025 13:06	07/11/2025 12:06	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
72-55-9	4,4'-DDE	ND		ug/kg dry	2.02	5	EPA 8081B	07/10/2025 13:06	07/11/2025 12:06	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
50-29-3	4,4'-DDT	ND		ug/kg dry	2.02	5	EPA 8081B	07/10/2025 13:06	07/11/2025 12:06	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
309-00-2	Aldrin	ND		ug/kg dry	2.02	5	EPA 8081B	07/10/2025 13:06	07/11/2025 12:06	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
319-84-6	alpha-BHC	ND		ug/kg dry	2.02	5	EPA 8081B	07/10/2025 13:06	07/11/2025 12:06	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
5103-71-9	**alpha-Chlordane**	**2.25**		ug/kg dry	2.02	5	EPA 8081B	07/10/2025 13:06	07/11/2025 12:06	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		ug/kg dry	2.02	5	EPA 8081B	07/10/2025 13:06	07/11/2025 12:06	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
319-86-8	delta-BHC	ND		ug/kg dry	2.02	5	EPA 8081B	07/10/2025 13:06	07/11/2025 12:06	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
60-57-1	Dieldrin	ND		ug/kg dry	2.02	5	EPA 8081B	07/10/2025 13:06	07/11/2025 12:06	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
959-98-8	Endosulfan I	ND		ug/kg dry	2.02	5	EPA 8081B	07/10/2025 13:06	07/11/2025 12:06	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
33213-65-9	Endosulfan II	ND		ug/kg dry	2.02	5	EPA 8081B	07/10/2025 13:06	07/11/2025 12:06	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.02	5	EPA 8081B	07/10/2025 13:06	07/11/2025 12:06	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
72-20-8	Endrin	ND		ug/kg dry	2.02	5	EPA 8081B	07/10/2025 13:06	07/11/2025 12:06	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.02	5	EPA 8081B	07/10/2025 13:06	07/11/2025 12:06	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
76-44-8	Heptachlor	ND		ug/kg dry	2.02	5	EPA 8081B	07/10/2025 13:06	07/11/2025 12:06	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*69.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*99.3 %*	*30-150*

Sample Information

Client Sample ID: DB-5 **York Sample ID:** 25G0474-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0474	236 Richmond Valley Road, Staten Island A22-115.8 JB	Soil	July 7, 2025 8:40 am	07/08/2025

Polychlorinated biphenyl, 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0202	1	EPA 8082A	07/10/2025 13:04	07/12/2025 09:13	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0202	1	EPA 8082A	07/10/2025 13:04	07/12/2025 09:13	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0202	1	EPA 8082A	07/10/2025 13:04	07/12/2025 09:13	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0202	1	EPA 8082A	07/10/2025 13:04	07/12/2025 09:13	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0202	1	EPA 8082A	07/10/2025 13:04	07/12/2025 09:13	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
11097-69-1	**Aroclor 1254**	**0.0496**		mg/kg dry	0.0202	1	EPA 8082A	07/10/2025 13:04	07/12/2025 09:13	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-0444(		
11096-82-5	**Aroclor 1260**	**0.0464**		mg/kg dry	0.0202	1	EPA 8082A	07/10/2025 13:04	07/12/2025 09:13	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-0444(		
1336-36-3	*** Total PCBs**	**0.0960**		mg/kg dry	0.0202	1	EPA 8082A	07/10/2025 13:04	07/12/2025 09:13	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*100 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*68.0 %*	*30-120*

Herbicides,8151 NYSDEC Part 375

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
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	24.2	1	EPA 8151A	07/09/2025 09:21	07/10/2025 15:53	gxb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*85.4 %*	*21-150*

Metals, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**5.92**		mg/kg dry	1.53	1	EPA 6010D	07/10/2025 09:07	07/11/2025 11:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-39-3	**Barium**	**63.1**		mg/kg dry	2.55	1	EPA 6010D	07/10/2025 09:07	07/11/2025 11:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-41-7	**Beryllium**	**0.329**		mg/kg dry	0.051	1	EPA 6010D	07/10/2025 09:07	07/11/2025 11:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		

Sample Information

Client Sample ID: DB-5 **York Sample ID:** 25G0474-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0474	236 Richmond Valley Road, Staten Island A22-115.8 JB	Soil	July 7, 2025 8:40 am	07/08/2025

Metals, NYSDEC Part 375

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**	**0.613**		mg/kg dry	0.307	1	EPA 6010D	07/10/2025 09:07	07/11/2025 11:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-47-3	**Chromium**	**30.2**		mg/kg dry	0.511	1	EPA 6010D	07/10/2025 09:07	07/11/2025 11:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-50-8	**Copper**	**598**		mg/kg dry	2.04	1	EPA 6010D	07/10/2025 09:07	07/11/2025 11:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7439-92-1	**Lead**	**330**		mg/kg dry	0.511	1	EPA 6010D	07/10/2025 09:07	07/11/2025 11:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7439-96-5	**Manganese**	**254**		mg/kg dry	0.511	1	EPA 6010D	07/10/2025 09:07	07/11/2025 11:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-02-0	**Nickel**	**30.1**		mg/kg dry	1.02	1	EPA 6010D	07/10/2025 09:07	07/11/2025 11:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7782-49-2	Selenium	ND		mg/kg dry	2.55	1	EPA 6010D	07/10/2025 09:07	07/11/2025 11:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-22-4	Silver	ND		mg/kg dry	0.515	1	EPA 6010D	07/10/2025 09:07	07/11/2025 11:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-66-6	**Zinc**	**566**		mg/kg dry	2.54	1	EPA 6010D	07/10/2025 09:07	07/11/2025 11:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.175**		mg/kg dry	0.0368	1	EPA 7473	07/09/2025 09:28	07/11/2025 09:02	DBT
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-0444(		

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	0.613	1	EPA 7196A	07/14/2025 10:15	07/14/2025 16:46	JMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		

Chromium, Trivalent

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
16065-83-1	*** Chromium, Trivalent**	**30.2**		mg/kg	0.500	1	Calculation	07/14/2025 15:46	07/14/2025 18:15	SL
							Certifications:			

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: DB-5 **York Sample ID:** 25G0474-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0474	236 Richmond Valley Road, Staten Island A22-115.8 JB	Soil	July 7, 2025 8:40 am	07/08/2025

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	0.613	1	EPA 9014/9010C	07/14/2025 10:08	07/14/2025 16:41	JMT
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**81.6**		%	0.100	1	SM 2540G	07/09/2025 07:15	07/09/2025 09:29	BF
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: DB-6 **York Sample ID:** 25G0474-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0474	236 Richmond Valley Road, Staten Island A22-115.8 JB	Soil	July 7, 2025 8:30 am	07/08/2025

Volatiles, 8260 NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	07/09/2025 16:22	07/10/2025 05:01	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	07/09/2025 16:22	07/10/2025 05:01	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	07/09/2025 16:22	07/10/2025 05:01	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	07/09/2025 16:22	07/10/2025 05:01	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	07/09/2025 16:22	07/10/2025 05:01	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	07/09/2025 16:22	07/10/2025 05:01	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	07/09/2025 16:22	07/10/2025 05:01	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	07/09/2025 16:22	07/10/2025 05:01	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	07/09/2025 16:22	07/10/2025 05:01	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.065	0.13	1	EPA 8260D	07/09/2025 16:22	07/10/2025 05:01	PRS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	07/09/2025 16:22	07/10/2025 05:01	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			

Sample Information

Client Sample ID: **DB-6** **York Sample ID:** **25G0474-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0474	236 Richmond Valley Road, Staten Island A22-115.8 JB	Soil	July 7, 2025 8:30 am	07/08/2025

Volatiles, 8260 NYSDEC Part 375

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**	**0.0071**	J	mg/kg dry	0.0065	0.013	1	EPA 8260D	07/09/2025 16:22	07/10/2025 05:01	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
71-43-2	Benzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	07/09/2025 16:22	07/10/2025 05:01	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	07/09/2025 16:22	07/10/2025 05:01	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	07/09/2025 16:22	07/10/2025 05:01	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
67-66-3	Chloroform	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	07/09/2025 16:22	07/10/2025 05:01	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	07/09/2025 16:22	07/10/2025 05:01	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	07/09/2025 16:22	07/10/2025 05:01	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	07/09/2025 16:22	07/10/2025 05:01	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0065	0.013	1	EPA 8260D	07/09/2025 16:22	07/10/2025 05:01	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
91-20-3	Naphthalene	ND		mg/kg dry	0.0032	0.013	1	EPA 8260D	07/09/2025 16:22	07/10/2025 05:01	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	07/09/2025 16:22	07/10/2025 05:01	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	07/09/2025 16:22	07/10/2025 05:01	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
95-47-6	o-Xylene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	07/09/2025 16:22	07/10/2025 05:01	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0065	0.013	1	EPA 8260D	07/09/2025 16:22	07/10/2025 05:01	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	07/09/2025 16:22	07/10/2025 05:01	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	07/09/2025 16:22	07/10/2025 05:01	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	07/09/2025 16:22	07/10/2025 05:01	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
108-88-3	Toluene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	07/09/2025 16:22	07/10/2025 05:01	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	07/09/2025 16:22	07/10/2025 05:01	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	07/09/2025 16:22	07/10/2025 05:01	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	07/09/2025 16:22	07/10/2025 05:01	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0097	0.019	1	EPA 8260D	07/09/2025 16:22	07/10/2025 05:01	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*108 %*	*77-125*

Sample Information

Client Sample ID: DB-6 **York Sample ID:** 25G0474-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0474	236 Richmond Valley Road, Staten Island A22-115.8 JB	Soil	July 7, 2025 8:30 am	07/08/2025

Volatiles, 8260 NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.2 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*115 %*			*76-130*						

Semi-Volatiles, 8270 NYDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/kg dry	50.1	99.9	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 11:45	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	50.1	99.9	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 11:45	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
83-32-9	Acenaphthene	ND		ug/kg dry	50.1	99.9	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 11:45	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
208-96-8	Acenaphthylene	ND		ug/kg dry	50.1	99.9	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 11:45	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
120-12-7	**Anthracene**	**74.3**	J	ug/kg dry	50.1	99.9	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 11:45	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(
56-55-3	**Benzo(a)anthracene**	**470**		ug/kg dry	50.1	99.9	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 11:45	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(
50-32-8	**Benzo(a)pyrene**	**553**		ug/kg dry	50.1	99.9	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 11:45	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(
205-99-2	**Benzo(b)fluoranthene**	**261**		ug/kg dry	50.1	99.9	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 11:45	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(
191-24-2	**Benzo(g,h,i)perylene**	**436**		ug/kg dry	50.1	99.9	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 11:45	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(
207-08-9	**Benzo(k)fluoranthene**	**257**		ug/kg dry	50.1	99.9	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 11:45	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(
218-01-9	**Chrysene**	**488**		ug/kg dry	50.1	99.9	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 11:45	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(
53-70-3	**Dibenzo(a,h)anthracene**	**92.6**	J	ug/kg dry	50.1	99.9	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 11:45	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(
132-64-9	Dibenzofuran	ND		ug/kg dry	50.1	99.9	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 11:45	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
206-44-0	**Fluoranthene**	**681**		ug/kg dry	50.1	99.9	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 11:45	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(
86-73-7	Fluorene	ND		ug/kg dry	50.1	99.9	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 11:45	SR NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
118-74-1	Hexachlorobenzene	ND		ug/kg dry	50.1	99.9	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 11:45	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
193-39-5	**Indeno(1,2,3-cd)pyrene**	**432**		ug/kg dry	50.1	99.9	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 11:45	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(
91-20-3	Naphthalene	ND		ug/kg dry	50.1	99.9	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 11:45	SR CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440

Sample Information

Client Sample ID: DB-6 **York Sample ID:** 25G0474-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0474	236 Richmond Valley Road, Staten Island A22-115.8 JB	Soil	July 7, 2025 8:30 am	07/08/2025

Semi-Volatiles, 8270 NYDEC Part 375

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		ug/kg dry	50.1	99.9	2	EPA 8270E	07/10/2025 13:08	07/11/2025 11:45	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-01-8	**Phenanthrene**	**203**		ug/kg dry	50.1	99.9	2	EPA 8270E	07/10/2025 13:08	07/11/2025 11:45	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
108-95-2	Phenol	ND		ug/kg dry	50.1	99.9	2	EPA 8270E	07/10/2025 13:08	07/11/2025 11:45	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
129-00-0	**Pyrene**	**544**		ug/kg dry	50.1	99.9	2	EPA 8270E	07/10/2025 13:08	07/11/2025 11:45	SR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*49.4 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*46.3 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*51.5 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*49.4 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*89.7 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*54.9 %*	*24-116*

PEST, 8081 NYSDEC Part 375

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	1.99	5	EPA 8081B	07/10/2025 13:06	07/11/2025 12:23	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
72-55-9	4,4'-DDE	ND		ug/kg dry	1.99	5	EPA 8081B	07/10/2025 13:06	07/11/2025 12:23	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
50-29-3	4,4'-DDT	ND		ug/kg dry	1.99	5	EPA 8081B	07/10/2025 13:06	07/11/2025 12:23	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
309-00-2	Aldrin	ND		ug/kg dry	1.99	5	EPA 8081B	07/10/2025 13:06	07/11/2025 12:23	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
319-84-6	alpha-BHC	ND		ug/kg dry	1.99	5	EPA 8081B	07/10/2025 13:06	07/11/2025 12:23	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
5103-71-9	**alpha-Chlordane**	**4.56**		ug/kg dry	1.99	5	EPA 8081B	07/10/2025 13:06	07/11/2025 12:23	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		ug/kg dry	1.99	5	EPA 8081B	07/10/2025 13:06	07/11/2025 12:23	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
319-86-8	delta-BHC	ND		ug/kg dry	1.99	5	EPA 8081B	07/10/2025 13:06	07/11/2025 12:23	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
60-57-1	Dieldrin	ND		ug/kg dry	1.99	5	EPA 8081B	07/10/2025 13:06	07/11/2025 12:23	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
959-98-8	Endosulfan I	ND		ug/kg dry	1.99	5	EPA 8081B	07/10/2025 13:06	07/11/2025 12:23	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
33213-65-9	Endosulfan II	ND		ug/kg dry	1.99	5	EPA 8081B	07/10/2025 13:06	07/11/2025 12:23	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		

Sample Information

Client Sample ID: DB-6 **York Sample ID:** 25G0474-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0474	236 Richmond Valley Road, Staten Island A22-115.8 JB	Soil	July 7, 2025 8:30 am	07/08/2025

PEST, 8081 NYSDEC Part 375

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
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.99	5	EPA 8081B	07/10/2025 13:06	07/11/2025 12:23	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
72-20-8	Endrin	ND		ug/kg dry	1.99	5	EPA 8081B	07/10/2025 13:06	07/11/2025 12:23	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.99	5	EPA 8081B	07/10/2025 13:06	07/11/2025 12:23	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
76-44-8	Heptachlor	ND		ug/kg dry	1.99	5	EPA 8081B	07/10/2025 13:06	07/11/2025 12:23	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*58.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*98.6 %*	*30-150*

Polychlorinated biphenyl, 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0198	1	EPA 8082A	07/10/2025 13:04	07/12/2025 09:27	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0198	1	EPA 8082A	07/10/2025 13:04	07/12/2025 09:27	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0198	1	EPA 8082A	07/10/2025 13:04	07/12/2025 09:27	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0198	1	EPA 8082A	07/10/2025 13:04	07/12/2025 09:27	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0198	1	EPA 8082A	07/10/2025 13:04	07/12/2025 09:27	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0198	1	EPA 8082A	07/10/2025 13:04	07/12/2025 09:27	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0198	1	EPA 8082A	07/10/2025 13:04	07/12/2025 09:27	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0198	1	EPA 8082A	07/10/2025 13:04	07/12/2025 09:27	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*75.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*47.5 %*	*30-120*

Herbicides,8151 NYSDEC Part 375

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
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	23.8	1	EPA 8151A	07/09/2025 09:21	07/10/2025 16:00	gxb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: DB-6 **York Sample ID:** 25G0474-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0474	236 Richmond Valley Road, Staten Island A22-115.8 JB	Soil	July 7, 2025 8:30 am	07/08/2025

Herbicides,8151 NYSDEC Part 375

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
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*86.8 %*			*21-150*					

Metals, NYSDEC Part 375

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**12.2**		mg/kg dry	1.51	1	EPA 6010D	07/10/2025 09:07	07/11/2025 11:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-39-3	**Barium**	**71.3**		mg/kg dry	2.51	1	EPA 6010D	07/10/2025 09:07	07/11/2025 11:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-41-7	**Beryllium**	**0.302**		mg/kg dry	0.051	1	EPA 6010D	07/10/2025 09:07	07/11/2025 11:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-43-9	**Cadmium**	**0.452**		mg/kg dry	0.301	1	EPA 6010D	07/10/2025 09:07	07/11/2025 11:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-47-3	**Chromium**	**70.6**		mg/kg dry	0.503	1	EPA 6010D	07/10/2025 09:07	07/11/2025 11:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-50-8	**Copper**	**145**		mg/kg dry	2.01	1	EPA 6010D	07/10/2025 09:07	07/11/2025 11:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7439-92-1	**Lead**	**96.3**		mg/kg dry	0.503	1	EPA 6010D	07/10/2025 09:07	07/11/2025 11:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7439-96-5	**Manganese**	**591**		mg/kg dry	0.503	1	EPA 6010D	07/10/2025 09:07	07/11/2025 11:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-02-0	**Nickel**	**35.9**		mg/kg dry	1.00	1	EPA 6010D	07/10/2025 09:07	07/11/2025 11:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7782-49-2	Selenium	ND		mg/kg dry	2.51	1	EPA 6010D	07/10/2025 09:07	07/11/2025 11:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-22-4	Silver	ND		mg/kg dry	0.506	1	EPA 6010D	07/10/2025 09:07	07/11/2025 11:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-66-6	**Zinc**	**131**		mg/kg dry	2.50	1	EPA 6010D	07/10/2025 09:07	07/11/2025 11:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.109**		mg/kg dry	0.0362	1	EPA 7473	07/09/2025 09:28	07/11/2025 09:02	DBT
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-0444(		

Chromium, Hexavalent

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

Sample Information

Client Sample ID: DB-6 **York Sample ID:** 25G0474-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0474	236 Richmond Valley Road, Staten Island A22-115.8 JB	Soil	July 7, 2025 8:30 am	07/08/2025

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	07/14/2025 10:15	07/14/2025 16:46	JMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		

Chromium, Trivalent **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
16065-83-1	*** Chromium, Trivalent**	**70.6**		mg/kg	0.500	1	Calculation	07/14/2025 15:46	07/14/2025 18:15	SL
							Certifications:			

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	07/14/2025 10:08	07/14/2025 16:41	JMT
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**82.9**		%	0.100	1	SM 2540G	07/09/2025 07:15	07/09/2025 09:29	BF
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: DUP **York Sample ID:** 25G0474-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0474	236 Richmond Valley Road, Staten Island A22-115.8 JB	Soil	July 7, 2025 10:00 am	07/08/2025

Volatiles, 8260 NYSDEC Part 375 **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D	07/09/2025 16:22	07/10/2025 05:29	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D	07/09/2025 16:22	07/10/2025 05:29	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D	07/09/2025 16:22	07/10/2025 05:29	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D	07/09/2025 16:22	07/10/2025 05:29	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		

Sample Information

Client Sample ID: DUP

York Sample ID: 25G0474-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0474	236 Richmond Valley Road, Staten Island A22-115.8 JB	Soil	July 7, 2025 10:00 am	07/08/2025

Volatiles, 8260 NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D Certifications:	07/09/2025 16:22	07/10/2025 05:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D Certifications:	07/09/2025 16:22	07/10/2025 05:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D Certifications:	07/09/2025 16:22	07/10/2025 05:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D Certifications:	07/09/2025 16:22	07/10/2025 05:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D Certifications:	07/09/2025 16:22	07/10/2025 05:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.072	0.14	1	EPA 8260D Certifications:	07/09/2025 16:22	07/10/2025 05:29 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	PRS
78-93-3	2-Butanone	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D Certifications:	07/09/2025 16:22	07/10/2025 05:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
67-64-1	**Acetone**	**0.012**	J	mg/kg dry	0.0072	0.014	1	EPA 8260D Certifications:	07/09/2025 16:22	07/10/2025 05:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	PRS
71-43-2	Benzene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D Certifications:	07/09/2025 16:22	07/10/2025 05:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D Certifications:	07/09/2025 16:22	07/10/2025 05:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D Certifications:	07/09/2025 16:22	07/10/2025 05:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
67-66-3	Chloroform	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D Certifications:	07/09/2025 16:22	07/10/2025 05:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D Certifications:	07/09/2025 16:22	07/10/2025 05:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D Certifications:	07/09/2025 16:22	07/10/2025 05:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D Certifications:	07/09/2025 16:22	07/10/2025 05:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
75-09-2	Methylene chloride	ND		mg/kg dry	0.0072	0.014	1	EPA 8260D Certifications:	07/09/2025 16:22	07/10/2025 05:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
91-20-3	Naphthalene	ND		mg/kg dry	0.0036	0.014	1	EPA 8260D Certifications:	07/09/2025 16:22	07/10/2025 05:29 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	PRS
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D Certifications:	07/09/2025 16:22	07/10/2025 05:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D Certifications:	07/09/2025 16:22	07/10/2025 05:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
95-47-6	o-Xylene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D Certifications:	07/09/2025 16:22	07/10/2025 05:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044	PRS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0072	0.014	1	EPA 8260D Certifications:	07/09/2025 16:22	07/10/2025 05:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044	PRS
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D Certifications:	07/09/2025 16:22	07/10/2025 05:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D Certifications:	07/09/2025 16:22	07/10/2025 05:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS

Sample Information

Client Sample ID: DUP **York Sample ID:** 25G0474-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0474	236 Richmond Valley Road, Staten Island A22-115.8 JB	Soil	July 7, 2025 10:00 am	07/08/2025

Volatiles, 8260 NYSDEC Part 375

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
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D	07/09/2025 16:22	07/10/2025 05:29	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
108-88-3	Toluene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D	07/09/2025 16:22	07/10/2025 05:29	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D	07/09/2025 16:22	07/10/2025 05:29	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D	07/09/2025 16:22	07/10/2025 05:29	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260D	07/09/2025 16:22	07/10/2025 05:29	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.011	0.022	1	EPA 8260D	07/09/2025 16:22	07/10/2025 05:29	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.2 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*113 %*	*76-130*

Semi-Volatiles, 8270 NYDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/kg dry	49.0	97.8	2	EPA 8270E	07/10/2025 13:08	07/11/2025 09:39	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	49.0	97.8	2	EPA 8270E	07/10/2025 13:08	07/11/2025 09:39	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
83-32-9	Acenaphthene	ND		ug/kg dry	49.0	97.8	2	EPA 8270E	07/10/2025 13:08	07/11/2025 09:39	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
208-96-8	Acenaphthylene	ND		ug/kg dry	49.0	97.8	2	EPA 8270E	07/10/2025 13:08	07/11/2025 09:39	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	**Anthracene**	**50.8**	J	ug/kg dry	49.0	97.8	2	EPA 8270E	07/10/2025 13:08	07/11/2025 09:39	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
56-55-3	**Benzo(a)anthracene**	**137**		ug/kg dry	49.0	97.8	2	EPA 8270E	07/10/2025 13:08	07/11/2025 09:39	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
50-32-8	**Benzo(a)pyrene**	**140**		ug/kg dry	49.0	97.8	2	EPA 8270E	07/10/2025 13:08	07/11/2025 09:39	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
205-99-2	**Benzo(b)fluoranthene**	**127**		ug/kg dry	49.0	97.8	2	EPA 8270E	07/10/2025 13:08	07/11/2025 09:39	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
191-24-2	**Benzo(g,h,i)perylene**	**93.0**	J	ug/kg dry	49.0	97.8	2	EPA 8270E	07/10/2025 13:08	07/11/2025 09:39	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
207-08-9	**Benzo(k)fluoranthene**	**114**		ug/kg dry	49.0	97.8	2	EPA 8270E	07/10/2025 13:08	07/11/2025 09:39	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
218-01-9	**Chrysene**	**137**		ug/kg dry	49.0	97.8	2	EPA 8270E	07/10/2025 13:08	07/11/2025 09:39	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		

Sample Information

Client Sample ID: DUP

York Sample ID: 25G0474-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0474	236 Richmond Valley Road, Staten Island A22-115.8 JB	Soil	July 7, 2025 10:00 am	07/08/2025

Semi-Volatiles, 8270 NYDEC Part 375

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
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	49.0	97.8	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 09:39	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
132-64-9	Dibenzofuran	ND		ug/kg dry	49.0	97.8	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 09:39	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
206-44-0	**Fluoranthene**	**253**		ug/kg dry	49.0	97.8	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 09:39	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(
86-73-7	Fluorene	ND		ug/kg dry	49.0	97.8	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 09:39	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
118-74-1	Hexachlorobenzene	ND		ug/kg dry	49.0	97.8	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 09:39	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
193-39-5	**Indeno(1,2,3-cd)pyrene**	**92.2**	J	ug/kg dry	49.0	97.8	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 09:39	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(
91-20-3	Naphthalene	ND		ug/kg dry	49.0	97.8	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 09:39	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
87-86-5	Pentachlorophenol	ND		ug/kg dry	49.0	97.8	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 09:39	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
85-01-8	**Phenanthrene**	**204**		ug/kg dry	49.0	97.8	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 09:39	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(
108-95-2	Phenol	ND		ug/kg dry	49.0	97.8	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 09:39	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
129-00-0	**Pyrene**	**256**		ug/kg dry	49.0	97.8	2	EPA 8270E Certifications:	07/10/2025 13:08	07/11/2025 09:39	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*52.9 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*48.3 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*56.6 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*48.5 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*69.1 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*53.3 %*	*24-116*

PEST, 8081 NYSDEC Part 375

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	1.95	5	EPA 8081B Certifications:	07/10/2025 13:06	07/11/2025 12:40	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
72-55-9	4,4'-DDE	ND		ug/kg dry	1.95	5	EPA 8081B Certifications:	07/10/2025 13:06	07/11/2025 12:40	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
50-29-3	4,4'-DDT	ND		ug/kg dry	1.95	5	EPA 8081B Certifications:	07/10/2025 13:06	07/11/2025 12:40	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
309-00-2	Aldrin	ND		ug/kg dry	1.95	5	EPA 8081B Certifications:	07/10/2025 13:06	07/11/2025 12:40	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440

Sample Information

Client Sample ID: DUP

York Sample ID: 25G0474-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0474	236 Richmond Valley Road, Staten Island A22-115.8 JB	Soil	July 7, 2025 10:00 am	07/08/2025

PEST, 8081 NYSDEC Part 375

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	1.95	5	EPA 8081B	07/10/2025 13:06	07/11/2025 12:40	RJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	**alpha-Chlordane**	**1.97**		ug/kg dry	1.95	5	EPA 8081B	07/10/2025 13:06	07/11/2025 12:40	RJ
							Certifications: NELAC-NY10854,NJDEP-CT005			
319-85-7	beta-BHC	ND		ug/kg dry	1.95	5	EPA 8081B	07/10/2025 13:06	07/11/2025 12:40	RJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		ug/kg dry	1.95	5	EPA 8081B	07/10/2025 13:06	07/11/2025 12:40	RJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		ug/kg dry	1.95	5	EPA 8081B	07/10/2025 13:06	07/11/2025 12:40	RJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		ug/kg dry	1.95	5	EPA 8081B	07/10/2025 13:06	07/11/2025 12:40	RJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		ug/kg dry	1.95	5	EPA 8081B	07/10/2025 13:06	07/11/2025 12:40	RJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.95	5	EPA 8081B	07/10/2025 13:06	07/11/2025 12:40	RJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-20-8	Endrin	ND		ug/kg dry	1.95	5	EPA 8081B	07/10/2025 13:06	07/11/2025 12:40	RJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.95	5	EPA 8081B	07/10/2025 13:06	07/11/2025 12:40	RJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
76-44-8	Heptachlor	ND		ug/kg dry	1.95	5	EPA 8081B	07/10/2025 13:06	07/11/2025 12:40	RJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*50.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*83.6 %*	*30-150*

Polychlorinated biphenyl, 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0194	1	EPA 8082A	07/10/2025 13:04	07/12/2025 09:41	NF
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0194	1	EPA 8082A	07/10/2025 13:04	07/12/2025 09:41	NF
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0194	1	EPA 8082A	07/10/2025 13:04	07/12/2025 09:41	NF
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0194	1	EPA 8082A	07/10/2025 13:04	07/12/2025 09:41	NF
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	**Aroclor 1248**	**0.0386**		mg/kg dry	0.0194	1	EPA 8082A	07/10/2025 13:04	07/12/2025 09:41	NF
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-0444(			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0194	1	EPA 8082A	07/10/2025 13:04	07/12/2025 09:41	NF
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0194	1	EPA 8082A	07/10/2025 13:04	07/12/2025 09:41	NF
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: DUP

York Sample ID: 25G0474-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0474	236 Richmond Valley Road, Staten Island A22-115.8 JB	Soil	July 7, 2025 10:00 am	07/08/2025

Polychlorinated biphenyl, 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1336-36-3	*** Total PCBs**	**0.0386**		mg/kg dry	0.0194	1	EPA 8082A	07/10/2025 13:04	07/12/2025 09:41	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*65.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*45.0 %*	*30-120*

Herbicides,8151 NYSDEC Part 375

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
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	23.3	1	EPA 8151A	07/09/2025 09:21	07/10/2025 16:06	gxb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*82.0 %*	*21-150*

Metals, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**8.97**		mg/kg dry	1.48	1	EPA 6010D	07/10/2025 14:38	07/11/2025 11:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-39-3	**Barium**	**68.5**		mg/kg dry	2.45	1	EPA 6010D	07/10/2025 14:38	07/11/2025 11:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-41-7	**Beryllium**	**0.210**		mg/kg dry	0.050	1	EPA 6010D	07/10/2025 14:38	07/11/2025 11:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-43-9	**Cadmium**	**0.452**		mg/kg dry	0.295	1	EPA 6010D	07/10/2025 14:38	07/11/2025 11:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-47-3	**Chromium**	**15.8**		mg/kg dry	0.492	1	EPA 6010D	07/10/2025 14:38	07/11/2025 11:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-50-8	**Copper**	**331**		mg/kg dry	1.97	1	EPA 6010D	07/10/2025 14:38	07/11/2025 11:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7439-92-1	**Lead**	**147**		mg/kg dry	0.492	1	EPA 6010D	07/10/2025 14:38	07/11/2025 11:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7439-96-5	**Manganese**	**213**		mg/kg dry	0.492	1	EPA 6010D	07/10/2025 14:38	07/11/2025 11:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7440-02-0	**Nickel**	**32.2**		mg/kg dry	0.980	1	EPA 6010D	07/10/2025 14:38	07/11/2025 11:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
7782-49-2	Selenium	ND		mg/kg dry	2.46	1	EPA 6010D	07/10/2025 14:38	07/11/2025 11:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-22-4	Silver	ND		mg/kg dry	0.496	1	EPA 6010D	07/10/2025 14:38	07/11/2025 11:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: DUP

York Sample ID: 25G0474-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0474	236 Richmond Valley Road, Staten Island A22-115.8 JB	Soil	July 7, 2025 10:00 am	07/08/2025

Metals, NYSDEC Part 375

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
7440-66-6	**Zinc**	**275**		mg/kg dry	2.45	1	EPA 6010D	07/10/2025 14:38	07/11/2025 11:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.131**		mg/kg dry	0.0354	1	EPA 7473	07/09/2025 09:28	07/11/2025 09:02	DBT
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-0444(		

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	0.590	1	EPA 7196A	07/14/2025 10:15	07/14/2025 16:46	JMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		

Chromium, Trivalent

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
16065-83-1	*** Chromium, Trivalent**	**15.8**		mg/kg	0.500	1	Calculation	07/14/2025 15:46	07/14/2025 18:15	SL
							Certifications:			

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	0.590	1	EPA 9014/9010C	07/14/2025 10:08	07/14/2025 16:41	JMT
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**84.7**		%	0.100	1	SM 2540G	07/10/2025 08:34	07/10/2025 10:52	BF
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **Equipment Blank** **York Sample ID:** **25G0474-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0474	236 Richmond Valley Road, Staten Island A22-115.8 JB	Water	July 7, 2025 6:00 pm	07/08/2025

VOA, 8260 Low NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	07/16/2025 09:42	07/16/2025 15:49	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	07/16/2025 09:42	07/16/2025 15:49	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	07/16/2025 09:42	07/16/2025 15:49	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	07/16/2025 09:42	07/16/2025 15:49	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	07/16/2025 09:42	07/16/2025 15:49	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	07/16/2025 09:42	07/16/2025 15:49	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	07/16/2025 09:42	07/16/2025 15:49	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	07/16/2025 09:42	07/16/2025 15:49	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	07/16/2025 09:42	07/16/2025 15:49	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	07/16/2025 09:42	07/16/2025 15:49	PMB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	07/16/2025 09:42	07/16/2025 15:49	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	07/16/2025 09:42	07/16/2025 15:49	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	07/16/2025 09:42	07/16/2025 15:49	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	07/16/2025 09:42	07/16/2025 15:49	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	07/16/2025 09:42	07/16/2025 15:49	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
67-66-3	**Chloroform**	**0.490**	J	ug/L	0.243	0.500	1	EPA 8260D	07/16/2025 09:42	07/16/2025 15:49	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	07/16/2025 09:42	07/16/2025 15:49	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	07/16/2025 09:42	07/16/2025 15:49	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	07/16/2025 09:42	07/16/2025 15:49	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	07/16/2025 09:42	07/16/2025 15:49	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D	07/16/2025 09:42	07/16/2025 15:49	PMB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	07/16/2025 09:42	07/16/2025 15:49	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	07/16/2025 09:42	07/16/2025 15:49	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		

Sample Information

Client Sample ID: **Equipment Blank** **York Sample ID:** **25G0474-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0474	236 Richmond Valley Road, Staten Island A22-115.8 JB	Water	July 7, 2025 6:00 pm	07/08/2025

VOA, 8260 Low NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	07/16/2025 09:42	07/16/2025 15:49	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	07/16/2025 09:42	07/16/2025 15:49	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	07/16/2025 09:42	07/16/2025 15:49	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	07/16/2025 09:42	07/16/2025 15:49	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D	07/16/2025 09:42	07/16/2025 15:49	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	07/16/2025 09:42	07/16/2025 15:49	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	07/16/2025 09:42	07/16/2025 15:49	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	07/16/2025 09:42	07/16/2025 15:49	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	07/16/2025 09:42	07/16/2025 15:49	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	07/16/2025 09:42	07/16/2025 15:49	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*109 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.3 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*97.9 %*	*79-122*

SVOA, 8270 Low NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	07/10/2025 08:55	07/10/2025 20:54	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D	07/10/2025 08:55	07/10/2025 20:54	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D	07/10/2025 08:55	07/10/2025 20:54	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270D	07/10/2025 08:55	07/10/2025 20:54	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*24.6 %*		*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*14.0 %*		*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*45.8 %*	S-08	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*38.1 %*	S-08	*39.9-105*

Sample Information

Client Sample ID: **Equipment Blank** **York Sample ID:** **25G0474-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0474	236 Richmond Valley Road, Staten Island A22-115.8 JB	Water	July 7, 2025 6:00 pm	07/08/2025

SVOA, 8270 Low NYSDEC Part 375

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*62.1 %*			*39.3-151*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*42.9 %*			*30.7-106*						

SVOA, 8270 NYSDEC Part 375

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/10/2025 09:01	07/10/2025 23:56	AAK
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/10/2025 09:01	07/10/2025 23:56	AAK
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/10/2025 09:01	07/10/2025 23:56	AAK
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/10/2025 09:01	07/10/2025 23:56	AAK
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/10/2025 09:01	07/10/2025 23:56	AAK
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/10/2025 09:01	07/10/2025 23:56	AAK
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/10/2025 09:01	07/10/2025 23:56	AAK
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/10/2025 09:01	07/10/2025 23:56	AAK
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/10/2025 09:01	07/10/2025 23:56	AAK
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/10/2025 09:01	07/10/2025 23:56	AAK
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/10/2025 09:01	07/10/2025 23:56	AAK
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/10/2025 09:01	07/10/2025 23:56	AAK
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	07/10/2025 09:01	07/10/2025 23:56	AAK
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/10/2025 09:01	07/10/2025 23:56	AAK
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/10/2025 09:01	07/10/2025 23:56	AAK
87-86-5	Pentachlorophenol	ND		ug/L	0.250	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	07/10/2025 09:01	07/10/2025 23:56	AAK
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/10/2025 09:01	07/10/2025 23:56	AAK
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/10/2025 09:01	07/10/2025 23:56	AAK

PEST, 8081 NYSDEC Part 375

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

Sample Information

Client Sample ID: **Equipment Blank** **York Sample ID:** **25G0474-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0474	236 Richmond Valley Road, Staten Island A22-115.8 JB	Water	July 7, 2025 6:00 pm	07/08/2025

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	1	EPA 8081B	07/10/2025 08:49	07/10/2025 17:30	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B	07/10/2025 08:49	07/10/2025 17:30	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B	07/10/2025 08:49	07/10/2025 17:30	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B	07/10/2025 08:49	07/10/2025 17:30	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B	07/10/2025 08:49	07/10/2025 17:30	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B	07/10/2025 08:49	07/10/2025 17:30	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B	07/10/2025 08:49	07/10/2025 17:30	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B	07/10/2025 08:49	07/10/2025 17:30	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B	07/10/2025 08:49	07/10/2025 17:30	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B	07/10/2025 08:49	07/10/2025 17:30	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B	07/10/2025 08:49	07/10/2025 17:30	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B	07/10/2025 08:49	07/10/2025 17:30	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B	07/10/2025 08:49	07/10/2025 17:30	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B	07/10/2025 08:49	07/10/2025 17:30	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B	07/10/2025 08:49	07/10/2025 17:30	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*44.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*50.8 %*	*30-150*

PCB, 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	1	EPA 8082A	07/10/2025 08:47	07/10/2025 17:56	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A	07/10/2025 08:47	07/10/2025 17:56	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A	07/10/2025 08:47	07/10/2025 17:56	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A	07/10/2025 08:47	07/10/2025 17:56	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: Equipment Blank **York Sample ID:** 25G0474-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0474	236 Richmond Valley Road, Staten Island A22-115.8 JB	Water	July 7, 2025 6:00 pm	07/08/2025

PCB, 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A Certifications:	07/10/2025 08:47 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	07/10/2025 17:56	NF
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A Certifications:	07/10/2025 08:47 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	07/10/2025 17:56	NF
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A Certifications:	07/10/2025 08:47 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	07/10/2025 17:56	NF
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A Certifications:	07/10/2025 08:47	07/10/2025 17:56	NF

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*52.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*39.5 %*	*30-120*

HERB, 8151 NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A Certifications:	07/10/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/11/2025 13:19	gxb

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*83.8 %*	*30-150*

Metals, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.017	1	EPA 6010D Certifications:	07/11/2025 09:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/14/2025 10:41	AGNR
7440-39-3	Barium	ND		mg/L	0.028	1	EPA 6010D Certifications:	07/11/2025 09:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/14/2025 10:41	AGNR
7440-41-7	Beryllium	ND		mg/L	0.0006	1	EPA 6010D Certifications:	07/11/2025 09:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/14/2025 10:41	AGNR
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010D Certifications:	07/11/2025 09:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/14/2025 10:41	AGNR
7440-47-3	Chromium	ND		mg/L	0.006	1	EPA 6010D Certifications:	07/11/2025 09:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/14/2025 10:41	AGNR
7440-50-8	Copper	ND		mg/L	0.022	1	EPA 6010D Certifications:	07/11/2025 09:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/14/2025 10:41	AGNR
7439-92-1	Lead	ND		mg/L	0.006	1	EPA 6010D Certifications:	07/11/2025 09:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/14/2025 10:41	AGNR
7439-96-5	Manganese	ND		mg/L	0.006	1	EPA 6010D Certifications:	07/11/2025 09:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/14/2025 10:41	AGNR
7440-02-0	Nickel	ND		mg/L	0.011	1	EPA 6010D Certifications:	07/11/2025 09:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/14/2025 10:41	AGNR

Sample Information

Client Sample ID: Equipment Blank **York Sample ID:** 25G0474-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0474	236 Richmond Valley Road, Staten Island A22-115.8 JB	Water	July 7, 2025 6:00 pm	07/08/2025

Metals, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7782-49-2	* Selenium	ND		mg/L	0.028	1	EPA 6010D Certifications: CTDOH-PH-0723	07/11/2025 09:43	07/14/2025 10:41	AGNR
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/11/2025 09:43	07/14/2025 10:41	AGNR
7440-66-6	Zinc	ND		mg/L	0.028	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/11/2025 09:43	07/14/2025 10:41	AGNR

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470 Certifications: CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440,NELAC-NY10854	07/10/2025 07:56	07/10/2025 07:56	DBT

Chromium, Hexavalent

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
18540-29-9	Chromium, Hexavalent	ND	HT-02	mg/L	0.0100	1	EPA 7196A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	07/08/2025 21:47	07/08/2025 22:10	SML

Chromium, Trivalent

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
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.0100	1	Calculation Certifications:	07/14/2025 15:40	07/14/2025 15:44	SL

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C-2016 / E-2016 Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440	07/14/2025 14:25	07/14/2025 20:00	SML

Sample Information

Client Sample ID: Trip Blank **York Sample ID:** 25G0474-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0474	236 Richmond Valley Road, Staten Island A22-115.8 JB	Water	July 7, 2025 6:00 pm	07/08/2025

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **25G0474-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0474	236 Richmond Valley Road, Staten Island A22-115.8 JB	Water	July 7, 2025 6:00 pm	07/08/2025

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D Certifications:	07/16/2025 09:42	07/16/2025 11:47	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications:	07/16/2025 09:42	07/16/2025 11:47	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications:	07/16/2025 09:42	07/16/2025 11:47	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications:	07/16/2025 09:42	07/16/2025 11:47	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	07/16/2025 09:42	07/16/2025 11:47	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications:	07/16/2025 09:42	07/16/2025 11:47	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	07/16/2025 09:42	07/16/2025 11:47	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.222	0.500	1	EPA 8260D Certifications:	07/16/2025 09:42	07/16/2025 11:47	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications:	07/16/2025 09:42	07/16/2025 11:47	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.138	0.500	1	EPA 8260D Certifications:	07/16/2025 09:42	07/16/2025 11:47	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications:	07/16/2025 09:42	07/16/2025 11:47	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	07/16/2025 09:42	07/16/2025 11:47	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	07/16/2025 09:42	07/16/2025 11:47	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	07/16/2025 09:42	07/16/2025 11:47	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	07/16/2025 09:42	07/16/2025 11:47	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	07/16/2025 09:42	07/16/2025 11:47	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications:	07/16/2025 09:42	07/16/2025 11:47	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
541-73-1	1,3-Dichlorobenzene	ND	QL-02	ug/L	0.283	0.500	1	EPA 8260D Certifications:	07/16/2025 09:42	07/16/2025 11:47	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications:	07/16/2025 09:42	07/16/2025 11:47	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	07/16/2025 09:42	07/16/2025 11:47	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D Certifications:	07/16/2025 09:42	07/16/2025 11:47	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications:	07/16/2025 09:42	07/16/2025 11:47	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	07/16/2025 09:42	07/16/2025 11:47	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **25G0474-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0474	236 Richmond Valley Road, Staten Island A22-115.8 JB	Water	July 7, 2025 6:00 pm	07/08/2025

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	07/16/2025 09:42	07/16/2025 11:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PMB
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D Certifications:	07/16/2025 09:42	07/16/2025 11:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PMB
107-02-8	Acrolein	ND	CCVE	ug/L	0.447	0.500	1	EPA 8260D Certifications:	07/16/2025 09:42	07/16/2025 11:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PMB
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	07/16/2025 09:42	07/16/2025 11:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PMB
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	07/16/2025 09:42	07/16/2025 11:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PMB
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	07/16/2025 09:42	07/16/2025 11:47 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	PMB
75-27-4	**Bromodichloromethane**	**1.30**		ug/L	0.245	0.500	1	EPA 8260D Certifications:	07/16/2025 09:42	07/16/2025 11:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	PMB
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	07/16/2025 09:42	07/16/2025 11:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PMB
74-83-9	Bromomethane	ND	CCVE, QL-02	ug/L	0.500	2.00	1	EPA 8260D Certifications:	07/16/2025 09:42	07/16/2025 11:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PMB
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	07/16/2025 09:42	07/16/2025 11:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PMB
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	07/16/2025 09:42	07/16/2025 11:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PMB
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications:	07/16/2025 09:42	07/16/2025 11:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PMB
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications:	07/16/2025 09:42	07/16/2025 11:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PMB
67-66-3	**Chloroform**	**13.8**		ug/L	0.243	0.500	1	EPA 8260D Certifications:	07/16/2025 09:42	07/16/2025 11:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	PMB
74-87-3	Chloromethane	ND	CCVE, QL-02	ug/L	0.372	0.500	1	EPA 8260D Certifications:	07/16/2025 09:42	07/16/2025 11:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PMB
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications:	07/16/2025 09:42	07/16/2025 11:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PMB
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	07/16/2025 09:42	07/16/2025 11:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PMB
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D Certifications:	07/16/2025 09:42	07/16/2025 11:47 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	PMB
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	07/16/2025 09:42	07/16/2025 11:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PMB
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	07/16/2025 09:42	07/16/2025 11:47 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	PMB
75-71-8	Dichlorodifluoromethane	ND	QL-02	ug/L	0.451	0.500	1	EPA 8260D Certifications:	07/16/2025 09:42	07/16/2025 11:47 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	PMB
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications:	07/16/2025 09:42	07/16/2025 11:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PMB
87-68-3	Hexachlorobutadiene	ND	CCVE, QL-02	ug/L	0.241	0.500	1	EPA 8260D Certifications:	07/16/2025 09:42	07/16/2025 11:47 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	PMB

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **25G0474-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0474	236 Richmond Valley Road, Staten Island A22-115.8 JB	Water	July 7, 2025 6:00 pm	07/08/2025

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications:	07/16/2025 09:42	07/16/2025 11:47	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	07/16/2025 09:42	07/16/2025 11:47	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	07/16/2025 09:42	07/16/2025 11:47	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	07/16/2025 09:42	07/16/2025 11:47	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications:	07/16/2025 09:42	07/16/2025 11:47	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D Certifications:	07/16/2025 09:42	07/16/2025 11:47	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
104-51-8	n-Butylbenzene	ND	CCVE, QL-02	ug/L	0.399	0.500	1	EPA 8260D Certifications:	07/16/2025 09:42	07/16/2025 11:47	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications:	07/16/2025 09:42	07/16/2025 11:47	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications:	07/16/2025 09:42	07/16/2025 11:47	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications:	07/16/2025 09:42	07/16/2025 11:47	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044
105-05-5	* p-Diethylbenzene	ND	QL-02	ug/L	0.341	0.500	1	EPA 8260D Certifications:	07/16/2025 09:42	07/16/2025 11:47	PMB
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D Certifications:	07/16/2025 09:42	07/16/2025 11:47	PMB
99-87-6	p-Isopropyltoluene	ND	QL-02	ug/L	0.377	0.500	1	EPA 8260D Certifications:	07/16/2025 09:42	07/16/2025 11:47	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications:	07/16/2025 09:42	07/16/2025 11:47	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	07/16/2025 09:42	07/16/2025 11:47	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D Certifications:	07/16/2025 09:42	07/16/2025 11:47	PMB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	07/16/2025 09:42	07/16/2025 11:47	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D Certifications:	07/16/2025 09:42	07/16/2025 11:47	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	07/16/2025 09:42	07/16/2025 11:47	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	07/16/2025 09:42	07/16/2025 11:47	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	07/16/2025 09:42	07/16/2025 11:47	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	07/16/2025 09:42	07/16/2025 11:47	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications:	07/16/2025 09:42	07/16/2025 11:47	PMB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **25G0474-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0474	236 Richmond Valley Road, Staten Island A22-115.8 JB	Water	July 7, 2025 6:00 pm	07/08/2025

Volatile Organics, 8260 Low Comprehensive

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND	QL-02	ug/L	0.469	0.500	1	EPA 8260D Certifications:	07/16/2025 09:42	07/16/2025 11:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PMB
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications:	07/16/2025 09:42	07/16/2025 11:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	PMB

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.0 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.4 %*	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C Certifications:	07/16/2025 09:42	07/16/2025 11:47	PMB

Analytical Batch Summary

Batch ID: BG50517 **Preparation Method** Analysis Preparation **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
25G0474-08	Equipment Blank	07/08/25
BG50517-BLK1	Blank	07/08/25
BG50517-BS1	LCS	07/08/25

Batch ID: BG50523 **Preparation Method** % Solids Prep **Prepared By:** BNF

YORK Sample ID	Client Sample ID	Preparation Date
25G0474-01	DB-1	07/09/25
25G0474-02	DB-2	07/09/25
25G0474-03	DB-3	07/09/25
25G0474-04	DB-4	07/09/25
25G0474-05	DB-5	07/09/25
25G0474-06	DB-6	07/09/25

Batch ID: BG50560 **Preparation Method** EPA 5035A **Prepared By:** SCB

YORK Sample ID	Client Sample ID	Preparation Date
25G0474-01	DB-1	07/09/25
25G0474-02	DB-2	07/09/25
25G0474-03	DB-3	07/09/25
BG50560-BLK1	Blank	07/09/25
BG50560-BS1	LCS	07/09/25
BG50560-BSD1	LCS Dup	07/09/25

Batch ID: BG50565 **Preparation Method** EPA 3550C/8151A **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date
25G0474-01	DB-1	07/09/25
25G0474-02	DB-2	07/09/25
25G0474-03	DB-3	07/09/25
25G0474-04	DB-4	07/09/25
25G0474-05	DB-5	07/09/25
25G0474-06	DB-6	07/09/25
25G0474-07	DUP	07/09/25
BG50565-BLK1	Blank	07/09/25
BG50565-BS1	LCS	07/09/25

Batch ID: BG50572 **Preparation Method** EPA 7473 soil **Prepared By:** JWT

YORK Sample ID	Client Sample ID	Preparation Date
25G0474-01	DB-1	07/09/25
25G0474-02	DB-2	07/09/25
25G0474-03	DB-3	07/09/25

25G0474-04	DB-4	07/09/25
25G0474-05	DB-5	07/09/25
25G0474-06	DB-6	07/09/25
25G0474-07	DUP	07/09/25
BG50572-BLK1	Blank	07/09/25
BG50572-SRM1	Reference	07/09/25

Batch ID: BG50594 **Preparation Method** EPA 5035A **Prepared By:** SKF

YORK Sample ID	Client Sample ID	Preparation Date
25G0474-05	DB-5	07/09/25
25G0474-06	DB-6	07/09/25
25G0474-07	DUP	07/09/25
BG50594-BLK1	Blank	07/09/25
BG50594-BS1	LCS	07/09/25
BG50594-BSD1	LCS Dup	07/09/25

Batch ID: BG50645 **Preparation Method** EPA SW846-7470A **Prepared By:** DBT

YORK Sample ID	Client Sample ID	Preparation Date
25G0474-08	Equipment Blank	07/10/25
BG50645-BLK1	Blank	07/10/25
BG50645-BLK2	Blank	07/10/25
BG50645-BS1	LCS	07/10/25
BG50645-BS2	LCS	07/10/25

Batch ID: BG50656 **Preparation Method** % Solids Prep **Prepared By:** BNF

YORK Sample ID	Client Sample ID	Preparation Date
25G0474-07	DUP	07/10/25

Batch ID: BG50661 **Preparation Method** EPA 8151A **Prepared By:** YL

YORK Sample ID	Client Sample ID	Preparation Date
25G0474-08	Equipment Blank	07/10/25
BG50661-BLK1	Blank	07/10/25
BG50661-BS1	LCS	07/10/25
BG50661-BSD1	LCS Dup	07/10/25

Batch ID: BG50666 **Preparation Method** EPA SW846-3510C Low Level **Prepared By:** AJC

YORK Sample ID	Client Sample ID	Preparation Date
25G0474-08	Equipment Blank	07/10/25
BG50666-BLK1	Blank	07/10/25
BG50666-BS2	LCS	07/10/25
BG50666-BSD2	LCS Dup	07/10/25

Batch ID: BG50668 **Preparation Method** EPA SW846-3510C Low Level **Prepared By:** AJC

YORK Sample ID	Client Sample ID	Preparation Date
25G0474-08	Equipment Blank	07/10/25
BG50668-BLK1	Blank	07/10/25
BG50668-BS1	LCS	07/10/25
BG50668-BSD1	LCS Dup	07/10/25

Batch ID: BG50672 **Preparation Method** EPA 3510C **Prepared By:** SAC2

YORK Sample ID	Client Sample ID	Preparation Date
25G0474-08	Equipment Blank	07/10/25
BG50672-BLK1	Blank	07/10/25
BG50672-BS1	LCS	07/10/25
BG50672-BSD1	LCS Dup	07/10/25

Batch ID: BG50674 **Preparation Method** EPA 3510C **Prepared By:** SAC2

YORK Sample ID	Client Sample ID	Preparation Date
25G0474-08	Equipment Blank	07/10/25
BG50674-BLK2	Blank	07/10/25
BG50674-BS2	LCS	07/10/25

Batch ID: BG50678 **Preparation Method** EPA 3050B **Prepared By:** DHD

YORK Sample ID	Client Sample ID	Preparation Date
25G0474-01	DB-1	07/10/25
25G0474-02	DB-2	07/10/25
25G0474-03	DB-3	07/10/25
25G0474-04	DB-4	07/10/25
25G0474-05	DB-5	07/10/25
25G0474-06	DB-6	07/10/25
BG50678-BLK1	Blank	07/10/25
BG50678-DUP1	Duplicate	07/10/25
BG50678-MS1	Matrix Spike	07/10/25
BG50678-PS1	Post Spike	07/10/25
BG50678-SRM1	Reference	07/10/25

Batch ID: BG50712 **Preparation Method** EPA 3550C **Prepared By:** RB

YORK Sample ID	Client Sample ID	Preparation Date
25G0474-01	DB-1	07/10/25
25G0474-02	DB-2	07/10/25
25G0474-03	DB-3	07/10/25
25G0474-04	DB-4	07/10/25
25G0474-05	DB-5	07/10/25
25G0474-06	DB-6	07/10/25
25G0474-07	DUP	07/10/25
BG50712-BLK1	Blank	07/10/25

BG50712-BS2	LCS	07/10/25

Batch ID: BG50713 **Preparation Method** EPA 3550C **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
25G0474-01	DB-1	07/10/25
25G0474-02	DB-2	07/10/25
25G0474-03	DB-3	07/10/25
25G0474-04	DB-4	07/10/25
25G0474-05	DB-5	07/10/25
25G0474-06	DB-6	07/10/25
25G0474-07	DUP	07/10/25
BG50713-BLK1	Blank	07/10/25
BG50713-BS1	LCS	07/10/25

Batch ID: BG50714 **Preparation Method** EPA 3550C **Prepared By:** RB

YORK Sample ID	Client Sample ID	Preparation Date
25G0474-01	DB-1	07/10/25
25G0474-02	DB-2	07/10/25
25G0474-03	DB-3	07/10/25
25G0474-04	DB-4	07/10/25
25G0474-05	DB-5	07/10/25
25G0474-06	DB-6	07/10/25
25G0474-07	DUP	07/10/25
BG50714-BLK1	Blank	07/10/25
BG50714-BS1	LCS	07/10/25

Batch ID: BG50716 **Preparation Method** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
25G0474-07	DUP	07/10/25
BG50716-BLK1	Blank	07/10/25
BG50716-SRM1	Reference	07/10/25

Batch ID: BG50759 **Preparation Method** EPA 5035A **Prepared By:** PRS

YORK Sample ID	Client Sample ID	Preparation Date
25G0474-04	DB-4	07/11/25
BG50759-BLK1	Blank	07/11/25
BG50759-BS1	LCS	07/11/25
BG50759-BSD1	LCS Dup	07/11/25

Batch ID: BG50778 **Preparation Method** EPA 3015A **Prepared By:** LCB

YORK Sample ID	Client Sample ID	Preparation Date
25G0474-08	Equipment Blank	07/11/25
BG50778-BLK1	Blank	07/11/25

BG50778-BS1	LCS	07/11/25	

Batch ID: BG50787 **Preparation Method** EPA SW846-3060 **Prepared By:** JAMT

YORK Sample ID	Client Sample ID	Preparation Date
25G0474-01	DB-1	07/11/25
25G0474-02	DB-2	07/11/25
BG50787-BLK1	Blank	07/11/25
BG50787-SRM1	Reference	07/11/25

Batch ID: BG50815 **Preparation Method** Analysis Preparation Soil **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
25G0474-01	DB-1	07/11/25
BG50815-BLK1	Blank	07/11/25
BG50815-SRM1	Reference	07/11/25

Batch ID: BG50909 **Preparation Method** Analysis Preparation Soil **Prepared By:** JAMT

YORK Sample ID	Client Sample ID	Preparation Date
25G0474-02	DB-2	07/14/25
25G0474-03	DB-3	07/14/25
25G0474-04	DB-4	07/14/25
25G0474-05	DB-5	07/14/25
25G0474-06	DB-6	07/14/25
25G0474-07	DUP	07/14/25
BG50909-BLK1	Blank	07/14/25
BG50909-SRM1	Reference	07/14/25

Batch ID: BG50910 **Preparation Method** EPA SW846-3060 **Prepared By:** JAMT

YORK Sample ID	Client Sample ID	Preparation Date
25G0474-03	DB-3	07/14/25
25G0474-04	DB-4	07/14/25
25G0474-05	DB-5	07/14/25
25G0474-06	DB-6	07/14/25
25G0474-07	DUP	07/14/25
BG50910-BLK1	Blank	07/14/25
BG50910-SRM1	Reference	07/14/25

Batch ID: BG50922 **Preparation Method** Analysis Preparation **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
25G0474-08	Equipment Blank	07/14/25
BG50922-BLK1	Blank	07/14/25
BG50922-BS1	LCS	07/14/25

Batch ID: BG50941 **Preparation Method** Analysis Preparation **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
25G0474-08	Equipment Blank	07/14/25

Batch ID: BG50944 **Preparation Method** Analysis Preparation **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
25G0474-01	DB-1	07/14/25
25G0474-02	DB-2	07/14/25
25G0474-03	DB-3	07/14/25
25G0474-04	DB-4	07/14/25
25G0474-05	DB-5	07/14/25
25G0474-06	DB-6	07/14/25
25G0474-07	DUP	07/14/25

Batch ID: BG51091 **Preparation Method** EPA 5030B **Prepared By:** SCB

YORK Sample ID	Client Sample ID	Preparation Date
25G0474-08	Equipment Blank	07/16/25
25G0474-09	Trip Blank	07/16/25
BG51091-BLK1	Blank	07/16/25
BG51091-BS1	LCS	07/16/25
BG51091-BSD1	LCS Dup	07/16/25

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50560 - EPA 5035A											
Blank (BG50560-BLK1)											Prepared & Analyzed: 07/09/2025
1,1,1-Trichloroethane	ND	0.0050	mg/kg wet								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Benzene	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroform	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
Naphthalene	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
sec-Butylbenzene	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.8*		*ug/L*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.1*		*"*	*50.0*		*94.2*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*52.9*		*"*	*50.0*		*106*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50560 - EPA 5035A											
LCS (BG50560-BS1)								Prepared & Analyzed: 07/09/2025			
1,1,1-Trichloroethane	54.7		ug/L	50.0		109	71-137				
1,1-Dichloroethane	47.9		"	50.0		95.9	75-130				
1,1-Dichloroethylene	44.1		"	50.0		88.2	64-137				
1,2,4-Trimethylbenzene	45.0		"	50.0		89.9	84-125				
1,2-Dichlorobenzene	46.3		"	50.0		92.6	85-122				
1,2-Dichloroethane	47.3		"	50.0		94.6	71-133				
1,3,5-Trimethylbenzene	45.4		"	50.0		90.8	82-126				
1,3-Dichlorobenzene	49.5		"	50.0		99.0	84-124				
1,4-Dichlorobenzene	46.7		"	50.0		93.4	84-124				
1,4-Dioxane	899		"	1050		85.6	10-228				
2-Butanone	49.3		"	50.0		98.6	58-147				
Acetone	41.3		"	50.0		82.6	36-155				
Benzene	49.2		"	50.0		98.3	77-127				
Carbon tetrachloride	53.2		"	50.0		106	66-143				
Chlorobenzene	47.5		"	50.0		94.9	86-120				
Chloroform	49.2		"	50.0		98.3	76-131				
cis-1,2-Dichloroethylene	48.3		"	50.0		96.6	74-132				
Ethyl Benzene	49.5		"	50.0		98.9	84-125				
Methyl tert-butyl ether (MTBE)	42.8		"	50.0		85.7	74-131				
Methylene chloride	45.9		"	50.0		91.8	57-141				
Naphthalene	51.7		"	50.0		103	86-141				
n-Butylbenzene	42.6		"	50.0		85.1	80-130				
n-Propylbenzene	45.2		"	50.0		90.3	74-136				
o-Xylene	50.6		"	50.0		101	83-123				
p- & m- Xylenes	91.7		"	100		91.7	82-128				
sec-Butylbenzene	43.7		"	50.0		87.3	83-125				
tert-Butylbenzene	45.0		"	50.0		90.0	80-127				
Tetrachloroethylene	48.6		"	50.0		97.3	80-129				
Toluene	46.3		"	50.0		92.6	85-121				
trans-1,2-Dichloroethylene	42.7		"	50.0		85.5	72-132				
Trichloroethylene	46.6		"	50.0		93.2	84-123				
Vinyl Chloride	58.7		"	50.0		117	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.0*		*"*	*50.0*		*100*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.1*		*"*	*50.0*		*94.2*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.9*		*"*	*50.0*		*99.9*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50560 - EPA 5035A											
LCS Dup (BG50560-BSD1)								Prepared & Analyzed: 07/09/2025			
1,1,1-Trichloroethane	57.0		ug/L	50.0		114	71-137		4.05	30	
1,1-Dichloroethane	50.6		"	50.0		101	75-130		5.30	30	
1,1-Dichloroethylene	43.3		"	50.0		86.5	64-137		1.90	30	
1,2,4-Trimethylbenzene	50.8		"	50.0		102	84-125		12.1	30	
1,2-Dichlorobenzene	52.2		"	50.0		104	85-122		12.0	30	
1,2-Dichloroethane	50.4		"	50.0		101	71-133		6.43	30	
1,3,5-Trimethylbenzene	51.9		"	50.0		104	82-126		13.3	30	
1,3-Dichlorobenzene	54.6		"	50.0		109	84-124		9.70	30	
1,4-Dichlorobenzene	51.9		"	50.0		104	84-124		10.5	30	
1,4-Dioxane	1010		"	1050		95.8	10-228		11.3	30	
2-Butanone	52.6		"	50.0		105	58-147		6.55	30	
Acetone	40.7		"	50.0		81.3	36-155		1.49	30	
Benzene	51.8		"	50.0		104	77-127		5.21	30	
Carbon tetrachloride	55.7		"	50.0		111	66-143		4.63	30	
Chlorobenzene	51.2		"	50.0		102	86-120		7.68	30	
Chloroform	52.0		"	50.0		104	76-131		5.60	30	
cis-1,2-Dichloroethylene	51.1		"	50.0		102	74-132		5.61	30	
Ethyl Benzene	53.6		"	50.0		107	84-125		8.02	30	
Methyl tert-butyl ether (MTBE)	48.0		"	50.0		96.0	74-131		11.3	30	
Methylene chloride	43.7		"	50.0		87.4	57-141		4.91	30	
Naphthalene	57.1		"	50.0		114	86-141		9.95	30	
n-Butylbenzene	50.9		"	50.0		102	80-130		17.9	30	
n-Propylbenzene	51.0		"	50.0		102	74-136		12.1	30	
o-Xylene	54.8		"	50.0		110	83-123		7.93	30	
p- & m- Xylenes	99.9		"	100		99.9	82-128		8.55	30	
sec-Butylbenzene	52.0		"	50.0		104	83-125		17.5	30	
tert-Butylbenzene	52.7		"	50.0		105	80-127		15.6	30	
Tetrachloroethylene	52.2		"	50.0		104	80-129		6.98	30	
Toluene	49.2		"	50.0		98.4	85-121		6.07	30	
trans-1,2-Dichloroethylene	46.3		"	50.0		92.7	72-132		8.11	30	
Trichloroethylene	49.1		"	50.0		98.3	84-123		5.31	30	
Vinyl Chloride	60.6		"	50.0		121	52-130		3.18	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.0*		*"*	*50.0*		*98.0*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.5*		*"*	*50.0*		*94.9*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.6*		*"*	*50.0*		*101*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50594 - EPA 5035A											
Blank (BG50594-BLK1)											
Prepared & Analyzed: 07/09/2025											
1,1,1-Trichloroethane	ND	0.0050	mg/kg wet								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Benzene	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroform	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
Naphthalene	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
sec-Butylbenzene	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.4*		*ug/L*	*50.0*		*98.8*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.1*		*"*	*50.0*		*96.2*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*53.6*		*"*	*50.0*		*107*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50594 - EPA 5035A											
LCS (BG50594-BS1)								Prepared & Analyzed: 07/09/2025			
1,1,1-Trichloroethane	51.5		ug/L	50.0		103	71-137				
1,1-Dichloroethane	46.3		"	50.0		92.7	75-130				
1,1-Dichloroethylene	40.7		"	50.0		81.3	64-137				
1,2,4-Trimethylbenzene	44.3		"	50.0		88.7	84-125				
1,2-Dichlorobenzene	45.3		"	50.0		90.6	85-122				
1,2-Dichloroethane	47.4		"	50.0		94.8	71-133				
1,3,5-Trimethylbenzene	45.9		"	50.0		91.8	82-126				
1,3-Dichlorobenzene	47.6		"	50.0		95.3	84-124				
1,4-Dichlorobenzene	44.0		"	50.0		88.0	84-124				
1,4-Dioxane	930		"	1050		88.6	10-228				
2-Butanone	50.4		"	50.0		101	58-147				
Acetone	42.2		"	50.0		84.4	36-155				
Benzene	48.0		"	50.0		96.0	77-127				
Carbon tetrachloride	49.9		"	50.0		99.9	66-143				
Chlorobenzene	46.6		"	50.0		93.2	86-120				
Chloroform	48.6		"	50.0		97.1	76-131				
cis-1,2-Dichloroethylene	47.0		"	50.0		94.0	74-132				
Ethyl Benzene	48.9		"	50.0		97.8	84-125				
Methyl tert-butyl ether (MTBE)	43.1		"	50.0		86.1	74-131				
Methylene chloride	42.8		"	50.0		85.5	57-141				
Naphthalene	47.2		"	50.0		94.5	86-141				
n-Butylbenzene	43.8		"	50.0		87.5	80-130				
n-Propylbenzene	45.2		"	50.0		90.4	74-136				
o-Xylene	50.1		"	50.0		100	83-123				
p- & m- Xylenes	90.3		"	100		90.3	82-128				
sec-Butylbenzene	46.3		"	50.0		92.6	83-125				
tert-Butylbenzene	46.9		"	50.0		93.8	80-127				
Tetrachloroethylene	46.5		"	50.0		93.1	80-129				
Toluene	45.4		"	50.0		90.8	85-121				
trans-1,2-Dichloroethylene	41.5		"	50.0		83.0	72-132				
Trichloroethylene	45.8		"	50.0		91.7	84-123				
Vinyl Chloride	52.8		"	50.0		106	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.5*		*"*	*50.0*		*99.1*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.9*		*"*	*50.0*		*95.7*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.6*		*"*	*50.0*		*101*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50594 - EPA 5035A											
LCS Dup (BG50594-BSD1)								Prepared & Analyzed: 07/09/2025			
1,1,1-Trichloroethane	51.6		ug/L	50.0		103	71-137		0.0388	30	
1,1-Dichloroethane	49.4		"	50.0		98.9	75-130		6.49	30	
1,1-Dichloroethylene	40.7		"	50.0		81.4	64-137		0.0983	30	
1,2,4-Trimethylbenzene	44.3		"	50.0		88.7	84-125		0.00	30	
1,2-Dichlorobenzene	45.8		"	50.0		91.7	85-122		1.14	30	
1,2-Dichloroethane	48.2		"	50.0		96.4	71-133		1.74	30	
1,3,5-Trimethylbenzene	45.8		"	50.0		91.6	82-126		0.174	30	
1,3-Dichlorobenzene	47.6		"	50.0		95.1	84-124		0.147	30	
1,4-Dichlorobenzene	44.3		"	50.0		88.6	84-124		0.657	30	
1,4-Dioxane	957		"	1050		91.2	10-228		2.86	30	
2-Butanone	53.8		"	50.0		108	58-147		6.50	30	
Acetone	43.7		"	50.0		87.4	36-155		3.42	30	
Benzene	48.6		"	50.0		97.2	77-127		1.22	30	
Carbon tetrachloride	50.1		"	50.0		100	66-143		0.400	30	
Chlorobenzene	46.7		"	50.0		93.3	86-120		0.0858	30	
Chloroform	49.1		"	50.0		98.1	76-131		1.04	30	
cis-1,2-Dichloroethylene	49.4		"	50.0		98.7	74-132		4.90	30	
Ethyl Benzene	48.9		"	50.0		97.8	84-125		0.0205	30	
Methyl tert-butyl ether (MTBE)	44.1		"	50.0		88.1	74-131		2.32	30	
Methylene chloride	43.3		"	50.0		86.5	57-141		1.21	30	
Naphthalene	48.2		"	50.0		96.3	86-141		1.91	30	
n-Butylbenzene	43.1		"	50.0		86.2	80-130		1.45	30	
n-Propylbenzene	45.2		"	50.0		90.5	74-136		0.111	30	
o-Xylene	50.1		"	50.0		100	83-123		0.0998	30	
p- & m- Xylenes	90.0		"	100		90.0	82-128		0.377	30	
sec-Butylbenzene	45.9		"	50.0		91.8	83-125		0.868	30	
tert-Butylbenzene	47.1		"	50.0		94.2	80-127		0.468	30	
Tetrachloroethylene	46.6		"	50.0		93.1	80-129		0.0644	30	
Toluene	45.4		"	50.0		90.9	85-121		0.0880	30	
trans-1,2-Dichloroethylene	41.5		"	50.0		83.1	72-132		0.0723	30	
Trichloroethylene	46.2		"	50.0		92.3	84-123		0.696	30	
Vinyl Chloride	52.9		"	50.0		106	52-130		0.189	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.0*		*"*	*50.0*		*100*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.6*		*"*	*50.0*		*95.1*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.7*		*"*	*50.0*		*101*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50759 - EPA 5035A											
Blank (BG50759-BLK1)											
Prepared & Analyzed: 07/11/2025											
1,1,1-Trichloroethane	ND	0.0050	mg/kg wet								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Benzene	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroform	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylene chloride	0.0089	0.010	"								
Naphthalene	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
sec-Butylbenzene	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*46.3*		*ug/L*	*10.0*		*463*	*77-125*				
Surrogate: SURR: Toluene-d8	*54.4*		*"*	*10.0*		*544*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*52.9*		*"*	*10.0*		*529*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50759 - EPA 5035A											
LCS (BG50759-BS1)								Prepared & Analyzed: 07/11/2025			
1,1,1-Trichloroethane	51.6		ug/L	50.0		103	71-137				
1,1-Dichloroethane	46.3		"	50.0		92.5	75-130				
1,1-Dichloroethylene	50.9		"	50.0		102	64-137				
1,2,4-Trimethylbenzene	58.3		"	50.0		117	84-125				
1,2-Dichlorobenzene	56.0		"	50.0		112	85-122				
1,2-Dichloroethane	47.4		"	50.0		94.7	71-133				
1,3,5-Trimethylbenzene	56.2		"	50.0		112	82-126				
1,3-Dichlorobenzene	58.3		"	50.0		117	84-124				
1,4-Dichlorobenzene	58.6		"	50.0		117	84-124				
1,4-Dioxane	1030		"	1050		98.1	10-228				
2-Butanone	47.3		"	50.0		94.6	58-147				
Acetone	56.2		"	50.0		112	36-155				
Benzene	50.8		"	50.0		102	77-127				
Carbon tetrachloride	56.3		"	50.0		113	66-143				
Chlorobenzene	52.6		"	50.0		105	86-120				
Chloroform	48.9		"	50.0		97.7	76-131				
cis-1,2-Dichloroethylene	38.9		"	50.0		77.8	74-132				
Ethyl Benzene	51.0		"	50.0		102	84-125				
Methyl tert-butyl ether (MTBE)	46.4		"	50.0		92.8	74-131				
Methylene chloride	55.9		"	50.0		112	57-141				
Naphthalene	51.0		"	50.0		102	86-141				
n-Butylbenzene	55.0		"	50.0		110	80-130				
n-Propylbenzene	54.4		"	50.0		109	74-136				
o-Xylene	53.8		"	50.0		108	83-123				
p- & m- Xylenes	101		"	100		101	82-128				
sec-Butylbenzene	55.0		"	50.0		110	83-125				
tert-Butylbenzene	46.2		"	50.0		92.3	80-127				
Tetrachloroethylene	51.1		"	50.0		102	80-129				
Toluene	50.4		"	50.0		101	85-121				
trans-1,2-Dichloroethylene	51.4		"	50.0		103	72-132				
Trichloroethylene	54.0		"	50.0		108	84-123				
Vinyl Chloride	41.8		"	50.0		83.7	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*47.1*		"	*10.0*		*471*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.6*		"	*10.0*		*496*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.9*		"	*10.0*		*499*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50759 - EPA 5035A											
LCS Dup (BG50759-BSD1)								Prepared & Analyzed: 07/11/2025			
1,1,1-Trichloroethane	45.8		ug/L	50.0		91.6	71-137		12.0	30	
1,1-Dichloroethane	41.6		"	50.0		83.3	75-130		10.5	30	
1,1-Dichloroethylene	45.4		"	50.0		90.9	64-137		11.2	30	
1,2,4-Trimethylbenzene	51.9		"	50.0		104	84-125		11.6	30	
1,2-Dichlorobenzene	49.8		"	50.0		99.5	85-122		11.8	30	
1,2-Dichloroethane	42.5		"	50.0		85.1	71-133		10.8	30	
1,3,5-Trimethylbenzene	49.8		"	50.0		99.6	82-126		12.2	30	
1,3-Dichlorobenzene	51.1		"	50.0		102	84-124		13.2	30	
1,4-Dichlorobenzene	50.8		"	50.0		102	84-124		14.3	30	
1,4-Dioxane	923		"	1050		87.9	10-228		11.0	30	
2-Butanone	41.5		"	50.0		83.0	58-147		13.0	30	
Acetone	46.0		"	50.0		92.0	36-155		20.0	30	
Benzene	45.4		"	50.0		90.9	77-127		11.2	30	
Carbon tetrachloride	50.3		"	50.0		101	66-143		11.2	30	
Chlorobenzene	46.7		"	50.0		93.5	86-120		11.9	30	
Chloroform	43.8		"	50.0		87.5	76-131		11.0	30	
cis-1,2-Dichloroethylene	43.6		"	50.0		87.1	74-132		11.3	30	
Ethyl Benzene	45.2		"	50.0		90.4	84-125		12.1	30	
Methyl tert-butyl ether (MTBE)	40.8		"	50.0		81.7	74-131		12.7	30	
Methylene chloride	46.2		"	50.0		92.4	57-141		19.0	30	
Naphthalene	43.6		"	50.0		87.1	86-141		15.7	30	
n-Butylbenzene	48.1		"	50.0		96.3	80-130		13.4	30	
n-Propylbenzene	47.5		"	50.0		95.0	74-136		13.5	30	
o-Xylene	47.4		"	50.0		94.8	83-123		12.6	30	
p- & m- Xylenes	88.9		"	100		88.9	82-128		12.8	30	
sec-Butylbenzene	48.6		"	50.0		97.1	83-125		12.4	30	
tert-Butylbenzene	40.8		"	50.0		81.5	80-127		12.4	30	
Tetrachloroethylene	45.5		"	50.0		91.0	80-129		11.5	30	
Toluene	44.7		"	50.0		89.5	85-121		11.9	30	
trans-1,2-Dichloroethylene	43.3		"	50.0		86.7	72-132		17.1	30	
Trichloroethylene	48.8		"	50.0		97.5	84-123		10.2	30	
Vinyl Chloride	36.9		"	50.0		73.8	52-130		12.5	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*47.7*		*"*	*10.0*		*477*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.0*		*"*	*10.0*		*500*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.6*		*"*	*10.0*		*506*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG51091 - EPA 5030B											
Blank (BG51091-BLK1)											
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
Tentatively Identified Compounds	0.0		"								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	2.00	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								

Prepared & Analyzed: 07/16/2025

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG51091 - EPA 5030B											
Blank (BG51091-BLK1)								Prepared & Analyzed: 07/16/2025			
Methylcyclohexane	ND	0.500	ug/L								
Methylene chloride	ND	2.00	"								
Naphthalene	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Diethylbenzene	ND	0.500	"								
p-Ethyltoluene	ND	0.500	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.4*		*"*	*10.0*		*104*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.74*		*"*	*10.0*		*97.4*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.86*		*"*	*10.0*		*98.6*	*79-122*				
LCS (BG51091-BS1)								Prepared & Analyzed: 07/16/2025			
1,1,1,2-Tetrachloroethane	9.91		ug/L	10.0		99.1	82-126				
1,1,1-Trichloroethane	11.3		"	10.0		113	78-130				
1,1,2,2-Tetrachloroethane	10.3		"	10.0		103	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.5		"	10.0		115	70-130				
1,1,2-Trichloroethane	10.2		"	10.0		102	82-123				
1,1-Dichloroethane	10.9		"	10.0		109	82-129				
1,1-Dichloroethylene	11.1		"	10.0		111	70-130				
1,2,3-Trichlorobenzene	7.72		"	10.0		77.2	76-130				
1,2,3-Trichloropropane	9.87		"	10.0		98.7	77-128				
1,2,4-Trichlorobenzene	7.84		"	10.0		78.4	76-130				
1,2,4-Trimethylbenzene	9.48		"	10.0		94.8	82-132				
1,2-Dibromo-3-chloropropane	8.92		"	10.0		89.2	45-147				
1,2-Dibromoethane	10.4		"	10.0		104	83-124				
1,2-Dichlorobenzene	9.21		"	10.0		92.1	79-123				
1,2-Dichloroethane	10.9		"	10.0		109	73-130				
1,2-Dichloropropane	9.80		"	10.0		98.0	78-126				
1,3,5-Trimethylbenzene	9.24		"	10.0		92.4	80-131				
1,3-Dichlorobenzene	9.12		"	10.0		91.2	86-122				
1,3-Dichloropropane	9.80		"	10.0		98.0	81-125				
1,4-Dichlorobenzene	9.17		"	10.0		91.7	85-124				
1,4-Dioxane	52.4		"	210		24.9	40-160	Low Bias			
2-Butanone	10.4		"	10.0		104	49-152				
2-Hexanone	9.56		"	10.0		95.6	51-146				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG51091 - EPA 5030B											
LCS (BG51091-BS1)								Prepared & Analyzed: 07/16/2025			
4-Methyl-2-pentanone	10.5		ug/L	10.0		105	57-145				
Acetone	9.28		"	10.0		92.8	40-150				
Acrolein	8.75		"	10.0		87.5	10-153				
Acrylonitrile	11.6		"	10.0		116	51-150				
Benzene	11.5		"	10.0		115	85-126				
Bromochloromethane	11.1		"	10.0		111	77-128				
Bromodichloromethane	9.72		"	10.0		97.2	79-128				
Bromoform	10.2		"	10.0		102	78-130				
Bromomethane	3.02		"	10.0		30.2	43-160	Low Bias			
Carbon disulfide	11.5		"	10.0		115	68-146				
Carbon tetrachloride	11.6		"	10.0		116	77-130				
Chlorobenzene	10.3		"	10.0		103	88-120				
Chloroethane	12.0		"	10.0		120	65-136				
Chloroform	11.1		"	10.0		111	82-128				
Chloromethane	8.92		"	10.0		89.2	43-155				
cis-1,2-Dichloroethylene	10.5		"	10.0		105	83-129				
cis-1,3-Dichloropropylene	9.42		"	10.0		94.2	80-130				
Cyclohexane	11.5		"	10.0		115	70-130				
Dibromochloromethane	10.5		"	10.0		105	80-130				
Dibromomethane	10.2		"	10.0		102	72-134				
Dichlorodifluoromethane	14.5		"	10.0		145	44-144	High Bias			
Ethyl Benzene	10.5		"	10.0		105	80-130				
Hexachlorobutadiene	6.84		"	10.0		68.4	67-146				
Isopropylbenzene	9.43		"	10.0		94.3	76-130				
Methyl acetate	11.5		"	10.0		115	70-130				
Methyl tert-butyl ether (MTBE)	10.7		"	10.0		107	76-130				
Methylcyclohexane	9.44		"	10.0		94.4	72-130				
Methylene chloride	11.4		"	10.0		114	70-130				
Naphthalene	9.18		"	10.0		91.8	70-147				
n-Butylbenzene	7.91		"	10.0		79.1	79-132				
n-Propylbenzene	9.19		"	10.0		91.9	78-133				
o-Xylene	10.4		"	10.0		104	78-130				
p- & m- Xylenes	21.2		"	20.0		106	77-130				
p-Diethylbenzene	8.59		"	10.0		85.9	84-134				
p-Ethyltoluene	10.0		"	10.0		100	88-129				
p-Isopropyltoluene	8.48		"	10.0		84.8	81-136				
sec-Butylbenzene	8.48		"	10.0		84.8	79-137				
Styrene	10.2		"	10.0		102	70-130				
tert-Butyl alcohol (TBA)	56.1		"	50.0		112	25-162				
tert-Butylbenzene	8.77		"	10.0		87.7	77-138				
Tetrachloroethylene	6.33		"	10.0		63.3	82-130	Low Bias			
Toluene	10.4		"	10.0		104	80-127				
trans-1,2-Dichloroethylene	10.9		"	10.0		109	80-130				
trans-1,3-Dichloropropylene	9.23		"	10.0		92.3	78-130				
Trichloroethylene	9.55		"	10.0		95.5	82-128				
Trichlorofluoromethane	12.4		"	10.0		124	67-139				
Vinyl Chloride	11.1		"	10.0		111	70-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.2*		*"*	*10.0*		*102*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.84*		*"*	*10.0*		*98.4*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.95*		*"*	*10.0*		*99.5*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG51091 - EPA 5030B											
LCS Dup (BG51091-BSD1)								Prepared & Analyzed: 07/16/2025			
1,1,1,2-Tetrachloroethane	9.05		ug/L	10.0		90.5	82-126		9.07	30	
1,1,1-Trichloroethane	10.1		"	10.0		101	78-130		11.3	20	
1,1,2,2-Tetrachloroethane	9.58		"	10.0		95.8	76-129		6.95	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.65		"	10.0		86.5	70-130		27.9	20	Non-dir.
1,1,2-Trichloroethane	9.44		"	10.0		94.4	82-123		7.25	20	
1,1-Dichloroethane	9.62		"	10.0		96.2	82-129		12.1	20	
1,1-Dichloroethylene	8.67		"	10.0		86.7	70-130		24.8	20	Non-dir.
1,2,3-Trichlorobenzene	7.43		"	10.0		74.3	76-130	Low Bias	3.83	20	
1,2,3-Trichloropropane	9.17		"	10.0		91.7	77-128		7.35	30	
1,2,4-Trichlorobenzene	7.44		"	10.0		74.4	76-130	Low Bias	5.24	20	
1,2,4-Trimethylbenzene	8.86		"	10.0		88.6	82-132		6.76	20	
1,2-Dibromo-3-chloropropane	8.39		"	10.0		83.9	45-147		6.12	20	
1,2-Dibromoethane	9.70		"	10.0		97.0	83-124		6.77	20	
1,2-Dichlorobenzene	8.61		"	10.0		86.1	79-123		6.73	20	
1,2-Dichloroethane	9.91		"	10.0		99.1	73-130		9.42	20	
1,2-Dichloropropane	9.11		"	10.0		91.1	78-126		7.30	20	
1,3,5-Trimethylbenzene	8.67		"	10.0		86.7	80-131		6.37	30	
1,3-Dichlorobenzene	8.46		"	10.0		84.6	86-122	Low Bias	7.51	20	
1,3-Dichloropropane	9.15		"	10.0		91.5	81-125		6.86	30	
1,4-Dichlorobenzene	8.52		"	10.0		85.2	85-124		7.35	20	
1,4-Dioxane	200		"	210		95.1	40-160		117	20	Non-dir.
2-Butanone	9.42		"	10.0		94.2	49-152		9.89	20	
2-Hexanone	8.82		"	10.0		88.2	51-146		8.05	20	
4-Methyl-2-pentanone	9.63		"	10.0		96.3	57-145		8.83	20	
Acetone	8.51		"	10.0		85.1	40-150		8.66	20	
Acrolein	9.19		"	10.0		91.9	10-153		4.91	30	
Acrylonitrile	10.5		"	10.0		105	51-150		9.60	30	
Benzene	10.3		"	10.0		103	85-126		10.5	20	
Bromochloromethane	10.0		"	10.0		100	77-128		10.4	20	
Bromodichloromethane	8.83		"	10.0		88.3	79-128		9.60	20	
Bromoform	9.25		"	10.0		92.5	78-130		9.77	20	
Bromomethane	1.97		"	10.0		19.7	43-160	Low Bias	42.1	20	Non-dir.
Carbon disulfide	8.14		"	10.0		81.4	68-146		34.1	20	Non-dir.
Carbon tetrachloride	10.1		"	10.0		101	77-130		13.7	20	
Chlorobenzene	9.46		"	10.0		94.6	88-120		8.50	20	
Chloroethane	8.18		"	10.0		81.8	65-136		37.6	20	Non-dir.
Chloroform	10.0		"	10.0		100	82-128		9.77	20	
Chloromethane	3.68		"	10.0		36.8	43-155	Low Bias	83.2	20	Non-dir.
cis-1,2-Dichloroethylene	9.40		"	10.0		94.0	83-129		11.1	20	
cis-1,3-Dichloropropylene	8.54		"	10.0		85.4	80-130		9.80	20	
Cyclohexane	9.26		"	10.0		92.6	70-130		21.2	20	Non-dir.
Dibromochloromethane	9.64		"	10.0		96.4	80-130		8.25	20	
Dibromomethane	9.32		"	10.0		93.2	72-134		9.41	30	
Dichlorodifluoromethane	2.24		"	10.0		22.4	44-144	Low Bias	147	20	Non-dir.
Ethyl Benzene	9.70		"	10.0		97.0	80-130		7.92	20	
Hexachlorobutadiene	6.46		"	10.0		64.6	67-146	Low Bias	5.71	30	
Isopropylbenzene	8.97		"	10.0		89.7	76-130		5.00	20	
Methyl acetate	7.42		"	10.0		74.2	70-130		43.1	20	Non-dir.
Methyl tert-butyl ether (MTBE)	10.0		"	10.0		100	76-130		6.36	20	
Methylcyclohexane	8.06		"	10.0		80.6	72-130		15.8	20	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG51091 - EPA 5030B											
LCS Dup (BG51091-BSD1)								Prepared & Analyzed: 07/16/2025			
Methylene chloride	10.0		ug/L	10.0		100	70-130		13.3	20	
Naphthalene	8.79		"	10.0		87.9	70-147		4.34	30	
n-Butylbenzene	7.46		"	10.0		74.6	79-132	Low Bias	5.86	30	
n-Propylbenzene	8.70		"	10.0		87.0	78-133		5.48	30	
o-Xylene	9.59		"	10.0		95.9	78-130		8.39	20	
p- & m- Xylenes	19.6		"	20.0		98.0	77-130		8.03	20	
p-Diethylbenzene	7.92		"	10.0		79.2	84-134	Low Bias	8.12	30	
p-Ethyltoluene	9.24		"	10.0		92.4	88-129		8.30	30	
p-Isopropyltoluene	8.01		"	10.0		80.1	81-136	Low Bias	5.70	30	
sec-Butylbenzene	8.10		"	10.0		81.0	79-137		4.58	30	
Styrene	9.27		"	10.0		92.7	70-130		9.26	20	
tert-Butyl alcohol (TBA)	53.7		"	50.0		107	25-162		4.32	30	
tert-Butylbenzene	8.36		"	10.0		83.6	77-138		4.79	30	
Tetrachloroethylene	5.82		"	10.0		58.2	82-130	Low Bias	8.40	20	
Toluene	9.61		"	10.0		96.1	80-127		8.37	20	
trans-1,2-Dichloroethylene	9.33		"	10.0		93.3	80-130		15.7	20	
trans-1,3-Dichloropropylene	8.38		"	10.0		83.8	78-130		9.65	20	
Trichloroethylene	8.59		"	10.0		85.9	82-128		10.6	20	
Trichlorofluoromethane	8.41		"	10.0		84.1	67-139		38.5	20	Non-dir.
Vinyl Chloride	5.43		"	10.0		54.3	70-130	Low Bias	68.3	20	Non-dir.
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.2*		*"*	*10.0*		*102*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.82*		*"*	*10.0*		*98.2*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.99*		*"*	*10.0*		*99.9*	*79-122*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50672 - EPA 3510C											
Blank (BG50672-BLK1)									Prepared & Analyzed: 07/10/2025		
2-Methylphenol	ND	5.00	ug/L								
3- & 4-Methylphenols	ND	5.00	"								
Dibenzofuran	ND	5.00	"								
Phenol	ND	5.00	"								
Surrogate: SURR: 2-Fluorophenol	*9.27*		"	*50.0*		*18.5*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*5.48*		"	*50.0*		*11.0*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*10.5*		"	*25.0*		*42.0*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*8.53*		"	*25.0*		*34.1*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*27.7*		"	*50.0*		*55.3*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*11.6*		"	*25.0*		*46.5*	*30.7-106*				
LCS (BG50672-BS1)									Prepared & Analyzed: 07/10/2025		
2-Methylphenol	8.15	5.00	ug/L	25.0		32.6	10-110				
3- & 4-Methylphenols	6.59	5.00	"	25.0		26.4	10-107				
Dibenzofuran	9.59	5.00	"	25.0		38.4	36-113				
Phenol	3.80	5.00	"	25.0		15.2	10-110				
Surrogate: SURR: 2-Fluorophenol	*10.2*		"	*50.0*		*20.4*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*6.25*		"	*50.0*		*12.5*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*10.4*		"	*25.0*		*41.4*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*8.62*		"	*25.0*		*34.5*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*31.3*		"	*50.0*		*62.6*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*11.5*		"	*25.0*		*46.0*	*30.7-106*				
LCS Dup (BG50672-BSD1)									Prepared & Analyzed: 07/10/2025		
2-Methylphenol	8.44	5.00	ug/L	25.0		33.8	10-110		3.50	20	
3- & 4-Methylphenols	6.91	5.00	"	25.0		27.6	10-107		4.74	20	
Dibenzofuran	11.0	5.00	"	25.0		43.9	36-113		13.5	20	
Phenol	4.06	5.00	"	25.0		16.2	10-110		6.62	20	
Surrogate: SURR: 2-Fluorophenol	*10.3*		"	*50.0*		*20.6*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*6.34*		"	*50.0*		*12.7*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*11.7*		"	*25.0*		*47.0*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*10.0*		"	*25.0*		*40.2*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*33.8*		"	*50.0*		*67.6*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*12.5*		"	*25.0*		*50.0*	*30.7-106*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50674 - EPA 3510C											
Blank (BG50674-BLK2)											Prepared & Analyzed: 07/10/2025
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								
LCS (BG50674-BS2)											Prepared & Analyzed: 07/10/2025
Acenaphthene	0.550	0.0500	ug/L	1.00		55.0	25-116				
Acenaphthylene	0.590	0.0500	"	1.00		59.0	26-116				
Anthracene	0.380	0.0500	"	1.00		38.0	25-123				
Benzo(a)anthracene	0.680	0.0500	"	1.00		68.0	33-125				
Benzo(a)pyrene	0.530	0.0500	"	1.00		53.0	32-132				
Benzo(b)fluoranthene	0.820	0.0500	"	1.00		82.0	22-137				
Benzo(g,h,i)perylene	0.760	0.0500	"	1.00		76.0	10-138				
Benzo(k)fluoranthene	0.710	0.0500	"	1.00		71.0	20-137				
Chrysene	0.640	0.0500	"	1.00		64.0	32-124				
Dibenzo(a,h)anthracene	0.800	0.0500	"	1.00		80.0	16-133				
Fluoranthene	0.640	0.0500	"	1.00		64.0	32-121				
Fluorene	0.600	0.0500	"	1.00		60.0	28-118				
Hexachlorobenzene	0.650	0.0200	"	1.00		65.0	23-124				
Indeno(1,2,3-cd)pyrene	0.730	0.0500	"	1.00		73.0	15-135				
Naphthalene	0.470	0.0500	"	1.00		47.0	18-120				
Pentachlorophenol	0.680	0.250	"	1.00		68.0	10-156				
Phenanthrene	0.570	0.0500	"	1.00		57.0	24-127				
Pyrene	0.610	0.0500	"	1.00		61.0	31-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50714 - EPA 3550C											
Blank (BG50714-BLK1)											
Prepared: 07/10/2025 Analyzed: 07/11/2025											
2-Methylphenol	ND	41.7	ug/kg wet								
3- & 4-Methylphenols	ND	41.7	"								
Acenaphthene	ND	41.7	"								
Acenaphthylene	ND	41.7	"								
Anthracene	ND	41.7	"								
Benzo(a)anthracene	ND	41.7	"								
Benzo(a)pyrene	ND	41.7	"								
Benzo(b)fluoranthene	ND	41.7	"								
Benzo(g,h,i)perylene	ND	41.7	"								
Benzo(k)fluoranthene	ND	41.7	"								
Chrysene	ND	41.7	"								
Dibenzo(a,h)anthracene	ND	41.7	"								
Dibenzofuran	ND	41.7	"								
Fluoranthene	ND	41.7	"								
Fluorene	ND	41.7	"								
Hexachlorobenzene	ND	41.7	"								
Indeno(1,2,3-cd)pyrene	ND	41.7	"								
Naphthalene	ND	41.7	"								
Pentachlorophenol	ND	41.7	"								
Phenanthrene	ND	41.7	"								
Phenol	ND	41.7	"								
Pyrene	ND	41.7	"								
Surrogate: SURR: 2-Fluorophenol	*1430*		"	*1670*		*86.0*	*20-108*				
Surrogate: SURR: Phenol-d6	*1110*		"	*1670*		*66.6*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*508*		"	*833*		*60.9*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*602*		"	*833*		*72.2*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1780*		"	*1670*		*107*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*698*		"	*833*		*83.7*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50714 - EPA 3550C											
LCS (BG50714-BS1)								Prepared: 07/10/2025 Analyzed: 07/11/2025			
2-Methylphenol	104	41.7	ug/kg wet	833		12.4	10-136				
3- & 4-Methylphenols	85.3	41.7	"	833		10.2	29-103	Low Bias			
Acenaphthene	119	41.7	"	833		14.3	30-121	Low Bias			
Acenaphthylene	134	41.7	"	833		16.0	30-115	Low Bias			
Anthracene	130	41.7	"	833		15.6	34-118	Low Bias			
Benzo(a)anthracene	130	41.7	"	833		15.6	32-122	Low Bias			
Benzo(a)pyrene	141	41.7	"	833		16.9	29-133	Low Bias			
Benzo(b)fluoranthene	129	41.7	"	833		15.5	25-133	Low Bias			
Benzo(g,h,i)perylene	139	41.7	"	833		16.7	10-143				
Benzo(k)fluoranthene	157	41.7	"	833		18.8	25-128	Low Bias			
Chrysene	133	41.7	"	833		16.0	32-123	Low Bias			
Dibenzo(a,h)anthracene	132	41.7	"	833		15.9	10-136				
Dibenzofuran	126	41.7	"	833		15.2	29-121	Low Bias			
Fluoranthene	122	41.7	"	833		14.6	33-122	Low Bias			
Fluorene	129	41.7	"	833		15.4	29-123	Low Bias			
Hexachlorobenzene	103	41.7	"	833		12.4	21-124	Low Bias			
Indeno(1,2,3-cd)pyrene	125	41.7	"	833		15.0	10-135				
Naphthalene	126	41.7	"	833		15.1	23-124	Low Bias			
Pentachlorophenol	580	41.7	"	833		69.6	10-139				
Phenanthrene	127	41.7	"	833		15.3	33-123	Low Bias			
Phenol	109	41.7	"	833		13.0	23-115	Low Bias			
Pyrene	124	41.7	"	833		14.9	24-130	Low Bias			
Surrogate: SURR: 2-Fluorophenol	*358*		"	*1670*		*21.5*	*20-108*				
Surrogate: SURR: Phenol-d6	*272*		"	*1670*		*16.3*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*130*		"	*833*		*15.6*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*162*		"	*833*		*19.5*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*427*		"	*1670*		*25.6*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*170*		"	*833*		*20.4*	*24-116*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50668 - EPA SW846-3510C Low Level											
Blank (BG50668-BLK1)									Prepared & Analyzed: 07/10/2025		
4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
gamma-BHC (Lindane)	ND	0.00400	"								
Heptachlor	ND	0.00400	"								
Surrogate: Decachlorobiphenyl	*0.0852*		"	*0.200*		*42.6*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0942*		"	*0.200*		*47.1*	*30-150*				
LCS (BG50668-BS1)									Prepared & Analyzed: 07/10/2025		
4,4'-DDD	0.0873	0.00400	ug/L	0.100		87.3	40-140				
4,4'-DDE	0.0767	0.00400	"	0.100		76.7	40-140				
4,4'-DDT	0.0946	0.00400	"	0.100		94.6	40-140				
Aldrin	0.0580	0.00400	"	0.100		58.0	40-140				
alpha-BHC	0.0706	0.00400	"	0.100		70.6	40-140				
alpha-Chlordane	0.0706	0.00400	"	0.100		70.6	40-140				
beta-BHC	0.0835	0.00400	"	0.100		83.5	40-140				
delta-BHC	0.0692	0.00400	"	0.100		69.2	40-140				
Dieldrin	0.0759	0.00200	"	0.100		75.9	40-140				
Endosulfan I	0.0754	0.00400	"	0.100		75.4	40-140				
Endosulfan II	0.0882	0.00400	"	0.100		88.2	40-140				
Endosulfan sulfate	0.0872	0.00400	"	0.100		87.2	40-140				
Endrin	0.0846	0.00400	"	0.100		84.6	40-140				
gamma-BHC (Lindane)	0.0735	0.00400	"	0.100		73.5	40-140				
Heptachlor	0.0720	0.00400	"	0.100		72.0	40-140				
Surrogate: Decachlorobiphenyl	*0.0796*		"	*0.200*		*39.8*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0943*		"	*0.200*		*47.1*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50668 - EPA SW846-3510C Low Level											
LCS Dup (BG50668-BSD1)					Prepared & Analyzed: 07/10/2025						
4,4'-DDD	0.0761	0.00400	ug/L	0.100		76.1	40-140		13.6	20	
4,4'-DDE	0.0645	0.00400	"	0.100		64.5	40-140		17.3	20	
4,4'-DDT	0.0824	0.00400	"	0.100		82.4	40-140		13.8	20	
Aldrin	0.0418	0.00400	"	0.100		41.8	40-140		32.5	20	Non-dir.
alpha-BHC	0.0567	0.00400	"	0.100		56.7	40-140		21.9	20	Non-dir.
alpha-Chlordane	0.0603	0.00400	"	0.100		60.3	40-140		15.6	20	
beta-BHC	0.0741	0.00400	"	0.100		74.1	40-140		11.9	20	
delta-BHC	0.0599	0.00400	"	0.100		59.9	40-140		14.4	20	
Dieldrin	0.0665	0.00200	"	0.100		66.5	40-140		13.2	20	
Endosulfan I	0.0650	0.00400	"	0.100		65.0	40-140		14.9	20	
Endosulfan II	0.0754	0.00400	"	0.100		75.4	40-140		15.6	20	
Endosulfan sulfate	0.0754	0.00400	"	0.100		75.4	40-140		14.5	20	
Endrin	0.0729	0.00400	"	0.100		72.9	40-140		14.9	20	
gamma-BHC (Lindane)	0.0611	0.00400	"	0.100		61.1	40-140		18.5	20	
Heptachlor	0.0568	0.00400	"	0.100		56.8	40-140		23.7	20	Non-dir.
Surrogate: Decachlorobiphenyl	*0.0767*		"	*0.200*		*38.4*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0647*		"	*0.200*		*32.4*	*30-150*				
Batch BG50713 - EPA 3550C											
Blank (BG50713-BLK1)					Prepared: 07/10/2025 Analyzed: 07/11/2025						
4,4'-DDD	ND	0.330	ug/kg wet								
4,4'-DDE	ND	0.330	"								
4,4'-DDT	ND	0.330	"								
Aldrin	ND	0.330	"								
alpha-BHC	ND	0.330	"								
alpha-Chlordane	ND	0.330	"								
beta-BHC	ND	0.330	"								
delta-BHC	ND	0.330	"								
Dieldrin	ND	0.330	"								
Endosulfan I	ND	0.330	"								
Endosulfan II	ND	0.330	"								
Endosulfan sulfate	ND	0.330	"								
Endrin	ND	0.330	"								
gamma-BHC (Lindane)	ND	0.330	"								
Heptachlor	ND	0.330	"								
Surrogate: Decachlorobiphenyl	*53.9*		"	*66.7*		*80.8*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*61.0*		"	*66.7*		*91.5*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50713 - EPA 3550C											
LCS (BG50713-BS1)											
Prepared: 07/10/2025 Analyzed: 07/11/2025											
4,4'-DDD	30.0	1.65	ug/kg wet	33.3		89.9	40-140				
4,4'-DDE	28.5	1.65	"	33.3		85.4	40-140				
4,4'-DDT	31.9	1.65	"	33.3		95.6	40-140				
Aldrin	27.8	1.65	"	33.3		83.4	40-140				
alpha-BHC	27.9	1.65	"	33.3		83.7	40-140				
alpha-Chlordane	28.5	1.65	"	33.3		85.6	40-140				
beta-BHC	31.2	1.65	"	33.3		93.7	40-140				
delta-BHC	28.3	1.65	"	33.3		85.0	40-140				
Dieldrin	28.7	1.65	"	33.3		86.2	40-140				
Endosulfan I	29.5	1.65	"	33.3		88.6	40-140				
Endosulfan II	31.3	1.65	"	33.3		94.0	40-140				
Endosulfan sulfate	31.1	1.65	"	33.3		93.4	40-140				
Endrin	31.0	1.65	"	33.3		93.1	40-140				
gamma-BHC (Lindane)	28.0	1.65	"	33.3		83.9	40-140				
Heptachlor	29.3	1.65	"	33.3		87.9	40-140				
Surrogate: Decachlorobiphenyl	*48.8*		*"*	*66.7*		*73.2*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*47.4*		*"*	*66.7*		*71.1*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50666 - EPA SW846-3510C Low Level											
Blank (BG50666-BLK1)								Prepared & Analyzed: 07/10/2025			
Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	*0.0940*		"	*0.200*		*47.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0740*		"	*0.200*		*37.0*	*30-120*				
LCS (BG50666-BS2)								Prepared & Analyzed: 07/10/2025			
Aroclor 1016	0.879	0.0500	ug/L	1.00		87.9	40-120				
Aroclor 1260	0.863	0.0500	"	1.00		86.3	40-120				
Surrogate: Tetrachloro-m-xylene	*0.145*		"	*0.200*		*72.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.105*		"	*0.200*		*52.5*	*30-120*				
LCS Dup (BG50666-BSD2)								Prepared & Analyzed: 07/10/2025			
Aroclor 1016	0.879	0.0500	ug/L	1.00		87.9	40-120		0.0683	30	
Aroclor 1260	0.859	0.0500	"	1.00		85.9	40-120		0.418	30	
Surrogate: Tetrachloro-m-xylene	*0.146*		"	*0.200*		*73.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.108*		"	*0.200*		*54.0*	*30-120*				
Batch BG50712 - EPA 3550C											
Blank (BG50712-BLK1)								Prepared: 07/10/2025 Analyzed: 07/11/2025			
Aroclor 1016	ND	0.0167	mg/kg wet								
Aroclor 1221	ND	0.0167	"								
Aroclor 1232	ND	0.0167	"								
Aroclor 1242	ND	0.0167	"								
Aroclor 1248	ND	0.0167	"								
Aroclor 1254	ND	0.0167	"								
Aroclor 1260	ND	0.0167	"								
Total PCBs	ND	0.0167	"								
Surrogate: Tetrachloro-m-xylene	*0.0727*		"	*0.0667*		*109*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0530*		"	*0.0667*		*79.5*	*30-120*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50712 - EPA 3550C											
LCS (BG50712-BS2)											
Prepared: 07/10/2025 Analyzed: 07/11/2025											
Aroclor 1016	0.308	0.0167	mg/kg wet	0.333		92.4	40-130				
Aroclor 1260	0.277	0.0167	"	0.333		83.0	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0637*		"	*0.0667*		*95.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0483*		"	*0.0667*		*72.5*	*30-120*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50565 - EPA 3550C/8151A											
Blank (BG50565-BLK1)								Prepared: 07/09/2025 Analyzed: 07/10/2025			
2,4,5-TP (Silvex)	ND	19.9	ug/kg wet								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*82.2*		"	*415*		*19.8*	*21-150*				
LCS (BG50565-BS1)								Prepared: 07/09/2025 Analyzed: 07/10/2025			
2,4,5-TP (Silvex)	86.4	19.9	ug/kg wet	66.4		130	10-120	High Bias			
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*429*		"	*415*		*103*	*21-150*				
Batch BG50661 - EPA 8151A											
Blank (BG50661-BLK1)								Prepared: 07/10/2025 Analyzed: 07/11/2025			
2,4,5-TP (Silvex)	ND	5.00	ug/L								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*113*		"	*125*		*90.2*	*30-150*				
LCS (BG50661-BS1)								Prepared: 07/10/2025 Analyzed: 07/11/2025			
2,4,5-TP (Silvex)	20.2	5.00	ug/L	20.0		101	10-139				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*84.8*		"	*125*		*67.8*	*30-150*				
LCS Dup (BG50661-BSD1)								Prepared: 07/10/2025 Analyzed: 07/11/2025			
2,4,5-TP (Silvex)	23.2	5.00	ug/L	20.0		116	10-139		13.8	30	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*85.8*		"	*125*		*68.6*	*30-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50678 - EPA 3050B											
Blank (BG50678-BLK1)											Prepared: 07/10/2025 Analyzed: 07/11/2025
Arsenic	ND	1.25	mg/kg wet								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Chromium	ND	0.417	"								
Copper	ND	1.67	"								
Lead	ND	0.417	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Zinc	ND	2.08	"								
Duplicate (BG50678-DUP1)	*Source sample: 25G0474-06 (DB-6)										Prepared: 07/10/2025 Analyzed: 07/11/2025
Arsenic	7.21	1.51	mg/kg dry		12.2				51.9	35	Non-dir.
Barium	69.0	2.51	"		71.3				3.30	35	
Beryllium	0.290	0.051	"		0.302				4.07	35	
Cadmium	0.482	0.301	"		0.452				6.45	35	
Chromium	20.6	0.503	"		70.6				110	35	Non-dir.
Copper	175	2.01	"		145				18.8	35	
Lead	119	0.503	"		96.3				21.2	35	
Manganese	252	0.503	"		591				80.4	35	Non-dir.
Nickel	28.8	1.00	"		35.9				22.1	35	
Selenium	ND	2.51	"		ND					35	
Silver	ND	0.506	"		ND					35	
Zinc	156	2.50	"		131				17.6	35	
Matrix Spike (BG50678-MS1)	*Source sample: 25G0474-06 (DB-6)										Prepared: 07/10/2025 Analyzed: 07/11/2025
Arsenic	206	1.51	mg/kg dry	201	12.2	96.6	75-125				
Barium	270	2.51	"	201	71.3	99.0	75-125				
Beryllium	5.59	0.051	"	5.02	0.302	105	75-125				
Cadmium	5.18	0.301	"	5.02	0.452	94.0	75-125				
Chromium	46.9	0.503	"	20.1	70.6	NR	75-125	Low Bias			
Copper	227	2.01	"	25.1	145	325	75-125	High Bias			
Lead	158	0.503	"	50.2	96.3	123	75-125				
Manganese	280	0.503	"	50.2	591	NR	75-125	Low Bias			
Nickel	80.5	1.00	"	50.2	35.9	88.6	75-125				
Selenium	191	2.51	"	201	ND	95.2	75-125				
Silver	5.54	0.506	"	5.02	ND	110	75-125				
Zinc	215	2.50	"	50.2	131	168	75-125	High Bias			

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50678 - EPA 3050B											
Post Spike (BG50678-PS1)	*Source sample: 25G0474-06 (DB-6)										Prepared: 07/10/2025 Analyzed: 07/11/2025
Arsenic	2.09		ug/mL	2.00	0.122	98.3	75-125				
Barium	2.63		"	2.00	0.709	96.1	75-125				
Beryllium	0.052		"	0.0500	0.003	98.9	75-125				
Cadmium	0.050		"	0.0500	0.004	91.8	75-125				
Chromium	0.889		"	0.200	0.703	93.2	75-125				
Copper	1.70		"	0.250	1.44	103	75-125				
Lead	1.42		"	0.500	0.958	92.9	75-125				
Manganese	6.28		"	0.500	5.88	79.5	75-125				
Nickel	0.845		"	0.500	0.357	97.5	75-125				
Selenium	1.87		"	2.00	-0.001	93.6	75-125				
Silver	0.054		"	0.0500	0.003	102	75-125				
Zinc	1.76		"	0.500	1.30	90.8	75-125				
Reference (BG50678-SRM1)											Prepared: 07/10/2025 Analyzed: 07/11/2025
Arsenic	149	1.25	mg/kg wet	148		101	81.1-119.6				
Barium	186	2.08	"	191		97.2	81.7-118.3				
Beryllium	251	0.042	"	240		105	82.1-117.5				
Cadmium	197	0.250	"	190		103	82.1-118.4				
Chromium	137	0.417	"	132		104	81.1-118.9				
Copper	256	1.67	"	234		109	82.9-117.5				
Lead	98.5	0.417	"	98.6		99.9	81.8-117.6				
Manganese	240	0.417	"	244		98.5	80.7-119.3				
Nickel	162	0.830	"	155		105	81.9-118.1				
Selenium	118	2.08	"	124		95.0	78.5-121				
Silver	56.6	0.420	"	54.9		103	79.4-120.8				
Zinc	352	2.08	"	345		102	79.4-120.6				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50716 - EPA 3050B											
Blank (BG50716-BLK1)											Prepared: 07/10/2025 Analyzed: 07/11/2025
Arsenic	ND	1.25	mg/kg wet								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Chromium	ND	0.417	"								
Copper	ND	1.67	"								
Lead	ND	0.417	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Zinc	ND	2.08	"								
Reference (BG50716-SRM1)											Prepared: 07/10/2025 Analyzed: 07/11/2025
Arsenic	138	1.25	mg/kg wet	148		93.5	81.1-119.6				
Barium	174	2.08	"	191		91.3	81.7-118.3				
Beryllium	227	0.042	"	240		94.7	82.1-117.5				
Cadmium	178	0.250	"	190		93.6	82.1-118.4				
Chromium	124	0.417	"	132		94.2	81.1-118.9				
Copper	233	1.67	"	234		99.4	82.9-117.5				
Lead	90.1	0.417	"	98.6		91.4	81.8-117.6				
Manganese	216	0.417	"	244		88.4	80.7-119.3				
Nickel	149	0.830	"	155		95.9	81.9-118.1				
Selenium	111	2.08	"	124		89.2	78.5-121				
Silver	52.4	0.420	"	54.9		95.4	79.4-120.8				
Zinc	323	2.08	"	345		93.6	79.4-120.6				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50778 - EPA 3015A											
Blank (BG50778-BLK1)											Prepared: 07/11/2025 Analyzed: 07/14/2025
Arsenic	ND	0.017	mg/L								
Barium	ND	0.028	"								
Beryllium	ND	0.0006	"								
Cadmium	ND	0.003	"								
Chromium	ND	0.006	"								
Copper	ND	0.022	"								
Lead	ND	0.006	"								
Manganese	ND	0.006	"								
Nickel	ND	0.011	"								
Selenium	ND	0.028	"								
Silver	ND	0.006	"								
Zinc	ND	0.028	"								
LCS (BG50778-BS1)											Prepared: 07/11/2025 Analyzed: 07/14/2025
Arsenic	2.07		ug/mL	2.00		104	80-120				
Barium	2.24		"	2.00		112	80-120				
Beryllium	0.056		"	0.0500		112	80-120				
Cadmium	0.052		"	0.0500		103	80-120				
Chromium	0.224		"	0.200		112	80-120				
Copper	0.284		"	0.250		114	80-120				
Lead	0.539		"	0.500		108	80-120				
Manganese	0.567		"	0.500		113	80-120				
Nickel	0.572		"	0.500		114	80-120				
Selenium	1.94		"	2.00		97.0	80-120				
Silver	0.054		"	0.0500		109	80-120				
Zinc	0.561		"	0.500		112	80-120				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50572 - EPA 7473 soil											
Blank (BG50572-BLK1)										Prepared: 07/09/2025 Analyzed: 07/11/2025	
Mercury	ND	0.0300	mg/kg wet								
Reference (BG50572-SRM1)										Prepared: 07/09/2025 Analyzed: 07/11/2025	
Mercury	17.471		mg/kg	24.0		72.8	55.8-109.6				
Batch BG50645 - EPA SW846-7470A											
Blank (BG50645-BLK1)										Prepared & Analyzed: 07/10/2025	
Mercury	ND	0.0002	mg/L								
Blank (BG50645-BLK2)										Prepared & Analyzed: 07/10/2025	
Mercury	ND	0.0002	mg/L								
LCS (BG50645-BS1)										Prepared & Analyzed: 07/10/2025	
Mercury	0.0020685	0.0002	mg/L	0.00200		103	80-120				
LCS (BG50645-BS2)										Prepared & Analyzed: 07/10/2025	
Mercury	0.0019523	0.0002	mg/L	0.00200		97.6	80-120				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50517 - Analysis Preparation											
Blank (BG50517-BLK1)								Prepared & Analyzed: 07/08/2025			
Chromium, Hexavalent	ND	0.0100	mg/L								
LCS (BG50517-BS1)								Prepared & Analyzed: 07/08/2025			
Chromium, Hexavalent	0.496	0.0100	mg/L	0.500		99.3	85-115				
Batch BG50787 - EPA SW846-3060											
Blank (BG50787-BLK1)								Prepared & Analyzed: 07/11/2025			
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Reference (BG50787-SRM1)								Prepared & Analyzed: 07/11/2025			
Chromium, Hexavalent	163		mg/L	214		76.0	57.9-107.9				
Batch BG50815 - Analysis Preparation Soil											
Blank (BG50815-BLK1)								Prepared & Analyzed: 07/11/2025			
Cyanide, total	ND	0.500	mg/kg wet								
Reference (BG50815-SRM1)								Prepared & Analyzed: 07/11/2025			
Cyanide, total	138		ug/mL	111		125	43.5-170				
Batch BG50909 - Analysis Preparation Soil											
Blank (BG50909-BLK1)								Prepared & Analyzed: 07/14/2025			
Cyanide, total	ND	0.500	mg/kg wet								

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50909 - Analysis Preparation Soil											
Reference (BG50909-SRM1)								Prepared & Analyzed: 07/14/2025			
Cyanide, total	112		ug/mL	111		101	43.5-170				
Batch BG50910 - EPA SW846-3060											
Blank (BG50910-BLK1)								Prepared & Analyzed: 07/14/2025			
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Reference (BG50910-SRM1)								Prepared & Analyzed: 07/14/2025			
Chromium, Hexavalent	204		mg/L	214		95.5	57.9-107.9				
Batch BG50922 - Analysis Preparation											
Blank (BG50922-BLK1)								Prepared & Analyzed: 07/14/2025			
Cyanide, total	ND	0.0100	mg/L								
LCS (BG50922-BS1)								Prepared & Analyzed: 07/14/2025			
Cyanide, total	0.0865	0.0100	mg/L	0.100		86.5	80-120				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
25G0474-01	DB-1	40mL Vial with Stir Bar-Cool 4° C
25G0474-02	DB-2	40mL Vial with Stir Bar-Cool 4° C
25G0474-03	DB-3	40mL Vial with Stir Bar-Cool 4° C
25G0474-04	DB-4	2 oz. Glass Cool to 4° C
25G0474-05	DB-5	40mL Vial with Stir Bar-Cool 4° C
25G0474-06	DB-6	40mL Vial with Stir Bar-Cool 4° C
25G0474-07	DUP	40mL Vial with Stir Bar-Cool 4° C
25G0474-08	Equipment Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25G0474-09	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

VOA-Jar	VOA sample was taken from a container noncompliant with SW-846 5035A due to a depletion of low-level vials. Results below 200 ug/Kg may be biased low.
S-08	The recovery of this surrogate was outside of QC limits.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-04	The RPD exceeded control limits for the LCS/LCSD QC.
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.
QC-LCS	LCS/LCS Dup recovery was above laboratory control limits. Sample does not contain any target compounds; therefore sample results are acceptable.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
HT-02	NON-COMPLIANT-This sample was received outside the EPA recommended holding time.
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)

Definitions and Other Explanations

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

Non-Dir. Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Field Chain-of-Custody Record

YORK Project Number: 25G0474

YORK ANALYTICAL LABORATORIES INC

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

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

Page 1 of 1

Report To:	Invoice To:
Company: Laurel Environmental	Company:
Address: 53 W Hills Road, Huntington Station, NY 11746	Address: Kathy
Phone: (631) 673-0612	Phone:
Contact: Scott Yanuck	Contact:
E-mail: lnbresults@laurelenv.com; jburgher@laurelenv.com	E-mail:

YOUR Project Name / Number: 236 Richmond Valley Road, Staten Island A22-115.8 JB

PO Number:

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

Connor Grasso

Samples Collected by: (print AND sign your name)

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

Samples Collected From: NY [X] NJ [ ] CT [ ] PA [ ] Other: (please specify)

Turn-Around Time: RUSH - Next Day [ ]; RUSH - Two Day [ ]; RUSH - Three Day [ ]; RUSH - Four Day [ ]; RUSH - Five Day [ ]; Standard (6-9 Day) [X]; PFAS Standard 7-10 Day [ ]

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

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

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

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other:	NYSDEC Part 375 Parameters	8260 TCL + 30 VOCs	Grab or Comp. G/C
DB-1	7-7-25	9:20	S	X										X		
DB-2		9:10		X										X		
DB-3		9:05		X										X		
DB-4		8:55		X										X		
DB-5		8:40		X										X		
DB-6		8:30		X										X		
DUP		10:00		X										X		
Equipment Blank		6:00	DI Water		X		X		X					X		
Trip Blank		6:00			X										X	

Comments:

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

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

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

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
[signature]	7/8/25 1025 AM	KBarkyork	7-8-25 1025 AM	KBarkyork	7-8-25 16:00
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				[signature]	7/8/25 16:00 2.4 degrees C

Technical Report

prepared for:

Laurel Environmental Geosciences, D.P.C.
53 W Hills Road, Suite 1
Huntington Station NY, 11746
Attention: Scott Yanuck

Report Date: 10/06/2025
Client Project ID: 236 Richmond Valley Rd Staten Island A22-115 JB
York Project (SDG) No.: 25I1806

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

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

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 10/06/2025
Client Project ID: 236 Richmond Valley Rd Staten Island A22-115 JB
York Project (SDG) No.: 25I1806

Laurel Environmental Geosciences, D.P.C.
53 W Hills Road, Suite 1
Huntington Station NY, 11746
Attention: Scott Yanuck

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on September 26, 2025 and listed below. The project was identified as your project: **236 Richmond Valley Rd Staten Island A22-115 JB**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
25I1806-01	DB-7	Soil	09/25/2025	09/26/2025
25I1806-02	DB-8	Soil	09/25/2025	09/26/2025
25I1806-03	DB-9	Soil	09/25/2025	09/26/2025
25I1806-04	DB-10	Soil	09/25/2025	09/26/2025

General Notes for York Project (SDG) No.: 25I1806

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

Approved By: Cassie L. Mosher

Cassie L. Mosher
Laboratory Manager

Date: 10/06/2025

Sample Information

Client Sample ID: DB-7 **York Sample ID:** 25I1806-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25I1806	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	September 25, 2025 12:45 pm	09/26/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	45.9	91.5	2	EPA 8270E Certifications:	10/01/2025 14:08 NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/06/2025 11:54	AK
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	91.5	183	2	EPA 8270E Certifications:	10/01/2025 14:08 NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/06/2025 11:54	AK
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	ug/kg dry	45.9	91.5	2	EPA 8270E Certifications:	10/01/2025 14:08 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	10/06/2025 11:54	AK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	45.9	91.5	2	EPA 8270E Certifications:	10/01/2025 14:08 NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/06/2025 11:54	AK
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	45.9	91.5	2	EPA 8270E Certifications:	10/01/2025 14:08 NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/06/2025 11:54	AK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	45.9	91.5	2	EPA 8270E Certifications:	10/01/2025 14:08 NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/06/2025 11:54	AK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	45.9	91.5	2	EPA 8270E Certifications:	10/01/2025 14:08 NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/06/2025 11:54	AK
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	91.5	183	2	EPA 8270E Certifications:	10/01/2025 14:08 NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/06/2025 11:54	AK
95-95-4	2,4,5-Trichlorophenol	ND	CCVE	ug/kg dry	45.9	91.5	2	EPA 8270E Certifications:	10/01/2025 14:08 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	10/06/2025 11:54	AK
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	45.9	91.5	2	EPA 8270E Certifications:	10/01/2025 14:08 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	10/06/2025 11:54	AK
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	45.9	91.5	2	EPA 8270E Certifications:	10/01/2025 14:08 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	10/06/2025 11:54	AK
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	45.9	91.5	2	EPA 8270E Certifications:	10/01/2025 14:08 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	10/06/2025 11:54	AK
51-28-5	2,4-Dinitrophenol	ND	CCVE	ug/kg dry	91.5	183	2	EPA 8270E Certifications:	10/01/2025 14:08 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	10/06/2025 11:54	AK
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	45.9	91.5	2	EPA 8270E Certifications:	10/01/2025 14:08 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	10/06/2025 11:54	AK
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	45.9	91.5	2	EPA 8270E Certifications:	10/01/2025 14:08 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	10/06/2025 11:54	AK
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	45.9	91.5	2	EPA 8270E Certifications:	10/01/2025 14:08 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	10/06/2025 11:54	AK
95-57-8	2-Chlorophenol	ND		ug/kg dry	45.9	91.5	2	EPA 8270E Certifications:	10/01/2025 14:08 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	10/06/2025 11:54	AK
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	45.9	91.5	2	EPA 8270E Certifications:	10/01/2025 14:08 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	10/06/2025 11:54	AK
95-48-7	2-Methylphenol	ND		ug/kg dry	45.9	91.5	2	EPA 8270E Certifications:	10/01/2025 14:08 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	10/06/2025 11:54	AK
88-74-4	2-Nitroaniline	ND		ug/kg dry	91.5	183	2	EPA 8270E Certifications:	10/01/2025 14:08 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	10/06/2025 11:54	AK
88-75-5	2-Nitrophenol	ND	CCVE	ug/kg dry	45.9	91.5	2	EPA 8270E Certifications:	10/01/2025 14:08 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	10/06/2025 11:54	AK
65794-96-9	* 3- & 4-Methylphenols	ND		ug/kg dry	45.9	91.5	2	EPA 8270E Certifications:	10/01/2025 14:08 CTDPH-PH-0840	10/06/2025 11:54	AK

Sample Information

Client Sample ID: DB-7 **York Sample ID:** 25I1806-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25I1806	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	September 25, 2025 12:45 pm	09/26/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	45.9	91.5	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 11:54	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
99-09-2	3-Nitroaniline	ND		ug/kg dry	91.5	183	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 11:54	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	91.5	183	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 11:54	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	45.9	91.5	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 11:54	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	45.9	91.5	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 11:54	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
106-47-8	4-Chloroaniline	ND	CCVE	ug/kg dry	45.9	91.5	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 11:54	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	45.9	91.5	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 11:54	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
100-01-6	4-Nitroaniline	ND		ug/kg dry	91.5	183	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 11:54	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
100-02-7	4-Nitrophenol	ND		ug/kg dry	91.5	183	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 11:54	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
83-32-9	**Acenaphthene**	**85.6**	J	ug/kg dry	45.9	91.5	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 11:54	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
208-96-8	Acenaphthylene	ND		ug/kg dry	45.9	91.5	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 11:54	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
98-86-2	Acetophenone	ND		ug/kg dry	45.9	91.5	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 11:54	AK NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
62-53-3	Aniline	ND		ug/kg dry	183	366	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 11:54	AK NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
120-12-7	**Anthracene**	**117**		ug/kg dry	45.9	91.5	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 11:54	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
1912-24-9	Atrazine	ND		ug/kg dry	45.9	91.5	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 11:54	AK NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
100-52-7	Benzaldehyde	ND		ug/kg dry	45.9	91.5	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 11:54	AK NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
92-87-5	Benzidine	ND	CCVE	ug/kg dry	183	366	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 11:54	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
56-55-3	**Benzo(a)anthracene**	**413**		ug/kg dry	45.9	91.5	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 11:54	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
50-32-8	**Benzo(a)pyrene**	**342**		ug/kg dry	45.9	91.5	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 11:54	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
205-99-2	**Benzo(b)fluoranthene**	**343**		ug/kg dry	45.9	91.5	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 11:54	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
191-24-2	**Benzo(g,h,i)perylene**	**187**	CCVE	ug/kg dry	45.9	91.5	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 11:54	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
207-08-9	**Benzo(k)fluoranthene**	**351**	CCVE	ug/kg dry	45.9	91.5	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 11:54	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
65-85-0	Benzoic acid	ND	CCVE	ug/kg dry	45.9	91.5	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 11:54	AK NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854

Sample Information

Client Sample ID: DB-7 **York Sample ID:** 25I1806-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25I1806	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	September 25, 2025 12:45 pm	09/26/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-51-6	Benzyl alcohol	ND		ug/kg dry	45.9	91.5	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 11:54	AK NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
85-68-7	Benzyl butyl phthalate	ND	CCVE	ug/kg dry	45.9	91.5	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 11:54	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	45.9	91.5	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 11:54	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	45.9	91.5	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 11:54	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	45.9	91.5	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 11:54	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
117-81-7	**Bis(2-ethylhexyl)phthalate**	**52.7**	CCVE, J	ug/kg dry	45.9	91.5	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 11:54	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
105-60-2	Caprolactam	ND		ug/kg dry	91.5	183	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 11:54	AK NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
86-74-8	**Carbazole**	**62.9**	J	ug/kg dry	45.9	91.5	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 11:54	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
218-01-9	**Chrysene**	**415**		ug/kg dry	45.9	91.5	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 11:54	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
53-70-3	**Dibenzo(a,h)anthracene**	**70.9**	J	ug/kg dry	45.9	91.5	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 11:54	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
132-64-9	Dibenzofuran	ND		ug/kg dry	45.9	91.5	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 11:54	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
84-66-2	Diethyl phthalate	ND		ug/kg dry	45.9	91.5	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 11:54	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
131-11-3	Dimethyl phthalate	ND		ug/kg dry	45.9	91.5	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 11:54	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	45.9	91.5	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 11:54	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
117-84-0	Di-n-octyl phthalate	ND	CCVE	ug/kg dry	45.9	91.5	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 11:54	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
206-44-0	**Fluoranthene**	**913**		ug/kg dry	45.9	91.5	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 11:54	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
86-73-7	**Fluorene**	**65.1**	J	ug/kg dry	45.9	91.5	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 11:54	AK NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
118-74-1	Hexachlorobenzene	ND		ug/kg dry	45.9	91.5	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 11:54	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	45.9	91.5	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 11:54	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	ug/kg dry	45.9	91.5	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 11:54	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
67-72-1	Hexachloroethane	ND		ug/kg dry	45.9	91.5	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 11:54	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
193-39-5	**Indeno(1,2,3-cd)pyrene**	**209**		ug/kg dry	45.9	91.5	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 11:54	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
78-59-1	Isophorone	ND		ug/kg dry	45.9	91.5	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 11:54	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1

Sample Information

Client Sample ID: DB-7 **York Sample ID:** 25I1806-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25I1806	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	September 25, 2025 12:45 pm	09/26/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/kg dry	45.9	91.5	2	EPA 8270E	10/01/2025 14:08	10/06/2025 11:54	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		
98-95-3	Nitrobenzene	ND		ug/kg dry	45.9	91.5	2	EPA 8270E	10/01/2025 14:08	10/06/2025 11:54	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		
62-75-9	N-Nitrosodimethylamine	ND	CCVE	ug/kg dry	45.9	91.5	2	EPA 8270E	10/01/2025 14:08	10/06/2025 11:54	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	45.9	91.5	2	EPA 8270E	10/01/2025 14:08	10/06/2025 11:54	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	45.9	91.5	2	EPA 8270E	10/01/2025 14:08	10/06/2025 11:54	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		
87-86-5	Pentachlorophenol	ND	CCVE	ug/kg dry	45.9	91.5	2	EPA 8270E	10/01/2025 14:08	10/06/2025 11:54	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		
85-01-8	**Phenanthrene**	**504**		ug/kg dry	45.9	91.5	2	EPA 8270E	10/01/2025 14:08	10/06/2025 11:54	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		
108-95-2	Phenol	ND		ug/kg dry	45.9	91.5	2	EPA 8270E	10/01/2025 14:08	10/06/2025 11:54	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		
129-00-0	**Pyrene**	**654**	CCVE	ug/kg dry	45.9	91.5	2	EPA 8270E	10/01/2025 14:08	10/06/2025 11:54	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		
110-86-1	Pyridine	ND	CCVE	ug/kg dry	183	366	2	EPA 8270E	10/01/2025 14:08	10/06/2025 11:54	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*49.2 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*48.0 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*67.9 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*61.4 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*66.2 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*60.7 %*	*24-116*

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

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	1.83	5	EPA 8081B	10/02/2025 10:02	10/03/2025 20:38	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
72-55-9	**4,4'-DDE**	**2.91**	P	ug/kg dry	1.83	5	EPA 8081B	10/02/2025 10:02	10/03/2025 20:38	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-(		
50-29-3	**4,4'-DDT**	**2.86**	P	ug/kg dry	1.83	5	EPA 8081B	10/02/2025 10:02	10/03/2025 20:38	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-(		
309-00-2	Aldrin	ND		ug/kg dry	1.83	5	EPA 8081B	10/02/2025 10:02	10/03/2025 20:38	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
319-84-6	alpha-BHC	ND		ug/kg dry	1.83	5	EPA 8081B	10/02/2025 10:02	10/03/2025 20:38	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		

Sample Information

Client Sample ID: DB-7 **York Sample ID:** 25I1806-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25I1806	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	September 25, 2025 12:45 pm	09/26/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

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	1.83	5	EPA 8081B Certifications:	10/02/2025 10:02 NYSDOH-NY10854,NJDEP-CT005	10/03/2025 20:38	RJ
319-85-7	beta-BHC	ND		ug/kg dry	1.83	5	EPA 8081B Certifications:	10/02/2025 10:02 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/03/2025 20:38	RJ
319-86-8	delta-BHC	ND		ug/kg dry	1.83	5	EPA 8081B Certifications:	10/02/2025 10:02 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/03/2025 20:38	RJ
60-57-1	Dieldrin	ND		ug/kg dry	1.83	5	EPA 8081B Certifications:	10/02/2025 10:02 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/03/2025 20:38	RJ
959-98-8	Endosulfan I	ND		ug/kg dry	1.83	5	EPA 8081B Certifications:	10/02/2025 10:02 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/03/2025 20:38	RJ
33213-65-9	Endosulfan II	ND		ug/kg dry	1.83	5	EPA 8081B Certifications:	10/02/2025 10:02 CTDPH-PH-0840,NYSDOH-NY10854	10/03/2025 20:38	RJ
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.83	5	EPA 8081B Certifications:	10/02/2025 10:02 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/03/2025 20:38	RJ
72-20-8	Endrin	ND		ug/kg dry	1.83	5	EPA 8081B Certifications:	10/02/2025 10:02 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/03/2025 20:38	RJ
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.83	5	EPA 8081B Certifications:	10/02/2025 10:02 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/03/2025 20:38	RJ
76-44-8	Heptachlor	ND		ug/kg dry	1.83	5	EPA 8081B Certifications:	10/02/2025 10:02 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/03/2025 20:38	RJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*112 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*103 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

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	0.0183	1	EPA 8082A Certifications:	10/02/2025 09:56 NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/03/2025 17:30	NF
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications:	10/02/2025 09:56 NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/03/2025 17:30	NF
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications:	10/02/2025 09:56 NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/03/2025 17:30	NF
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications:	10/02/2025 09:56 NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/03/2025 17:30	NF
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications:	10/02/2025 09:56 NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/03/2025 17:30	NF
11097-69-1	**Aroclor 1254**	**0.0344**		mg/kg dry	0.0183	1	EPA 8082A Certifications:	10/02/2025 09:56 NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-(	10/03/2025 17:30	NF
11096-82-5	**Aroclor 1260**	**0.0274**		mg/kg dry	0.0183	1	EPA 8082A Certifications:	10/02/2025 09:56 NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-(	10/03/2025 17:30	NF
1336-36-3	*** Total PCBs**	**0.0618**		mg/kg dry	0.0183	1	EPA 8082A Certifications:	10/02/2025 09:56	10/03/2025 17:30	NF

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: DB-7 **York Sample ID:** 25I1806-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25I1806	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	September 25, 2025 12:45 pm	09/26/2025

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*102 %*			*30-120*					
2051-24-3	*Surrogate: Decachlorobiphenyl*	*95.0 %*			*30-120*					

HERB, 8151 MASTER

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
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	22.1	1	EPA 8151A	10/01/2025 10:11	10/02/2025 13:34	gxb
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*84.6 %*	*21-150*

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**	**10700**		mg/kg dry	4.62	1	EPA 6010D	09/30/2025 14:34	10/01/2025 11:08	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-36-0	Antimony	ND		mg/kg dry	2.31	1	EPA 6010D	09/30/2025 14:34	10/01/2025 11:08	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-38-2	**Arsenic**	**9.05**		mg/kg dry	1.39	1	EPA 6010D	09/30/2025 14:34	10/01/2025 11:08	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-39-3	**Barium**	**74.9**		mg/kg dry	2.30	1	EPA 6010D	09/30/2025 14:34	10/01/2025 11:08	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-41-7	**Beryllium**	**0.795**		mg/kg dry	0.047	1	EPA 6010D	09/30/2025 14:34	10/01/2025 11:08	AGNR
							Certifications:	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-43-9	**Cadmium**	**0.434**		mg/kg dry	0.277	1	EPA 6010D	09/30/2025 14:34	10/01/2025 11:08	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-70-2	**Calcium**	**2690**		mg/kg dry	4.62	1	EPA 6010D	09/30/2025 14:34	10/01/2025 11:08	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-47-3	**Chromium**	**23.4**		mg/kg dry	0.462	1	EPA 6010D	09/30/2025 14:34	10/01/2025 11:08	AGNR
							Certifications:	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-48-4	**Cobalt**	**6.17**		mg/kg dry	0.369	1	EPA 6010D	09/30/2025 14:34	10/01/2025 11:08	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-50-8	**Copper**	**293**		mg/kg dry	1.85	1	EPA 6010D	09/30/2025 14:34	10/01/2025 11:08	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7439-89-6	**Iron**	**15000**		mg/kg dry	23.1	1	EPA 6010D	09/30/2025 14:34	10/01/2025 11:08	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7439-92-1	**Lead**	**183**		mg/kg dry	0.462	1	EPA 6010D	09/30/2025 14:34	10/01/2025 11:08	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		

Sample Information

Client Sample ID: DB-7 **York Sample ID:** 25I1806-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25I1806	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	September 25, 2025 12:45 pm	09/26/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-95-4	**Magnesium**	**2210**		mg/kg dry	4.62	1	EPA 6010D	09/30/2025 14:34	10/01/2025 11:08	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-(		
7439-96-5	**Manganese**	**291**		mg/kg dry	0.462	1	EPA 6010D	09/30/2025 14:34	10/01/2025 11:08	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-(		
7440-02-0	**Nickel**	**20.5**		mg/kg dry	0.920	1	EPA 6010D	09/30/2025 14:34	10/01/2025 11:08	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-(		
7440-09-7	**Potassium**	**1080**		mg/kg dry	4.62	1	EPA 6010D	09/30/2025 14:34	10/01/2025 11:08	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-(		
7782-49-2	Selenium	ND		mg/kg dry	2.31	1	EPA 6010D	09/30/2025 14:34	10/01/2025 11:08	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-22-4	**Silver**	**0.822**	M-CCV 1	mg/kg dry	0.465	1	EPA 6010D	09/30/2025 14:34	10/01/2025 11:08	AGNR
							Certifications:	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-23-5	**Sodium**	**106**		mg/kg dry	46.2	1	EPA 6010D	09/30/2025 14:34	10/01/2025 11:08	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-(		
7440-28-0	Thallium	ND		mg/kg dry	1.85	1	EPA 6010D	09/30/2025 14:34	10/01/2025 11:08	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-62-2	**Vanadium**	**30.1**		mg/kg dry	0.920	1	EPA 6010D	09/30/2025 14:34	10/01/2025 11:08	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-(		
7440-66-6	**Zinc**	**159**		mg/kg dry	2.30	1	EPA 6010D	09/30/2025 14:34	10/01/2025 11:08	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-(		

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**	**0.345**		mg/kg dry	0.0332	1	EPA 7473	09/29/2025 08:45	09/29/2025 15:49	LCB
							Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440,CTDPH-PH-		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.2**		%	0.100	1	SM 2540G	09/29/2025 11:56	09/30/2025 11:20	CD
							Certifications:	CTDPH-PH-0840		

Analyzed by: Phoenix Environmental Laboratories, Inc. S

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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

Sample Information

Client Sample ID: DB-7 **York Sample ID:** 25I1806-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25I1806	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	September 25, 2025 12:45 pm	09/26/2025

Analyzed by: Phoenix Environmental Laboratories, Inc. S

Volatile Organics, Tentatively Identified Cmpds. **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	See Attached						EPA 8260C Certifications:	09/25/2025 12:45	09/30/2025 23:52	PHO

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 Master **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		mg/Kg	0.00065	0.0065	1	SW8260D Certifications: NY-11301	09/25/2025 12:45	09/30/2025 23:52	CT007
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/Kg	0.0013	0.0065	1	SW8260D Certifications: NY-11301	09/25/2025 12:45	09/30/2025 23:52	CT007
79-00-5	1,1,2-Trichloroethane	ND		mg/Kg	0.0013	0.0065	1	SW8260D Certifications: NY-11301	09/25/2025 12:45	09/30/2025 23:52	CT007
75-34-3	1,1-Dichloroethane	ND		mg/Kg	0.0013	0.0065	1	SW8260D Certifications: NY-11301	09/25/2025 12:45	09/30/2025 23:52	CT007
75-35-4	1,1-Dichloroethene	ND		mg/Kg	0.00065	0.0065	1	SW8260D Certifications: NY-11301	09/25/2025 12:45	09/30/2025 23:52	CT007
87-61-6	1,2,3-Trichlorobenzene	ND		mg/Kg	0.0013	0.0065	1	SW8260D Certifications: NY-11301	09/25/2025 12:45	09/30/2025 23:52	CT007
120-82-1	1,2,4-Trichlorobenzene	ND		mg/Kg	0.0013	0.0065	1	SW8260D Certifications: NY-11301	09/25/2025 12:45	09/30/2025 23:52	CT007
95-63-6	1,2,4-Trimethylbenzene	ND		mg/Kg	0.00065	0.0065	1	SW8260D Certifications: NY-11301	09/25/2025 12:45	09/30/2025 23:52	CT007
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/Kg	0.0013	0.0065	1	SW8260D Certifications: NY-11301	09/25/2025 12:45	09/30/2025 23:52	CT007
106-93-4	1,2-Dibromoethane	ND		mg/Kg	0.00065	0.0065	1	SW8260D Certifications: NY-11301	09/25/2025 12:45	09/30/2025 23:52	CT007
95-50-1	1,2-Dichlorobenzene	ND		mg/Kg	0.00065	0.0065	1	SW8260D Certifications: NY-11301	09/25/2025 12:45	09/30/2025 23:52	CT007
107-06-2	1,2-Dichloroethane	ND		mg/Kg	0.00065	0.0065	1	SW8260D Certifications: NY-11301	09/25/2025 12:45	09/30/2025 23:52	CT007
78-87-5	1,2-Dichloropropane	ND		mg/Kg	0.0013	0.0065	1	SW8260D Certifications: NY-11301	09/25/2025 12:45	09/30/2025 23:52	CT007
108-67-8	1,3,5-Trimethylbenzene	ND		mg/Kg	0.00065	0.0065	1	SW8260D Certifications: NY-11301	09/25/2025 12:45	09/30/2025 23:52	CT007
541-73-1	1,3-Dichlorobenzene	ND		mg/Kg	0.00065	0.0065	1	SW8260D Certifications: NY-11301	09/25/2025 12:45	09/30/2025 23:52	CT007
106-46-7	1,4-Dichlorobenzene	ND		mg/Kg	0.00065	0.0065	1	SW8260D Certifications: NY-11301	09/25/2025 12:45	09/30/2025 23:52	CT007

Sample Information

Client Sample ID: DB-7 **York Sample ID:** 25I1806-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25I1806	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	September 25, 2025 12:45 pm	09/26/2025

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 Master **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-dioxane	ND		mg/Kg	0.052	0.098	1	SW8260D Certifications: NY-11301	09/25/2025 12:45	09/30/2025 23:52	CT007
591-78-6	2-Hexanone	ND		mg/Kg	0.0065	0.033	1	SW8260D Certifications: NY-11301	09/25/2025 12:45	09/30/2025 23:52	CT007
108-10-1	4-Methyl-2-pentanone	ND		mg/Kg	0.0065	0.033	1	SW8260D Certifications: NY-11301	09/25/2025 12:45	09/30/2025 23:52	CT007
67-64-1	Acetone	ND		mg/Kg	0.0065	0.065	1	SW8260D Certifications: NY-11301	09/25/2025 12:45	09/30/2025 23:52	CT007
71-43-2	Benzene	ND		mg/Kg	0.00065	0.0065	1	SW8260D Certifications: NY-11301	09/25/2025 12:45	09/30/2025 23:52	CT007
74-97-5	Bromochloromethane	ND		mg/Kg	0.00065	0.0065	1	SW8260D Certifications: NY-11301	09/25/2025 12:45	09/30/2025 23:52	CT007
75-27-4	Bromodichloromethane	ND		mg/Kg	0.0013	0.0065	1	SW8260D Certifications: NY-11301	09/25/2025 12:45	09/30/2025 23:52	CT007
75-25-2	Bromoform	ND		mg/Kg	0.0013	0.0065	1	SW8260D Certifications: NY-11301	09/25/2025 12:45	09/30/2025 23:52	CT007
74-83-9	Bromomethane	ND		mg/Kg	0.0026	0.0065	1	SW8260D Certifications: NY-11301	09/25/2025 12:45	09/30/2025 23:52	CT007
75-15-0	Carbon Disulfide	ND		mg/Kg	0.0013	0.0065	1	SW8260D Certifications: NY-11301	09/25/2025 12:45	09/30/2025 23:52	CT007
56-23-5	Carbon tetrachloride	ND		mg/Kg	0.0013	0.0065	1	SW8260D Certifications: NY-11301	09/25/2025 12:45	09/30/2025 23:52	CT007
108-90-7	Chlorobenzene	ND		mg/Kg	0.00065	0.0065	1	SW8260D Certifications: NY-11301	09/25/2025 12:45	09/30/2025 23:52	CT007
75-00-3	Chloroethane	ND		mg/Kg	0.00065	0.0065	1	SW8260D Certifications: NY-11301	09/25/2025 12:45	09/30/2025 23:52	CT007
67-66-3	Chloroform	ND		mg/Kg	0.00065	0.0065	1	SW8260D Certifications: NY-11301	09/25/2025 12:45	09/30/2025 23:52	CT007
74-87-3	Chloromethane	ND		mg/Kg	0.0013	0.0065	1	SW8260D Certifications: NY-11301	09/25/2025 12:45	09/30/2025 23:52	CT007
156-59-2	cis-1,2-Dichloroethene	ND		mg/Kg	0.00065	0.0065	1	SW8260D Certifications: NY-11301	09/25/2025 12:45	09/30/2025 23:52	CT007
10061-01-5	cis-1,3-Dichloropropene	ND		mg/Kg	0.00065	0.0065	1	SW8260D Certifications: NY-11301	09/25/2025 12:45	09/30/2025 23:52	CT007
110-82-7	Cyclohexane	ND		mg/Kg	0.0013	0.0065	1	SW8260D Certifications: NY-11301	09/25/2025 12:45	09/30/2025 23:52	CT007
124-48-1	Dibromochloromethane	ND		mg/Kg	0.0013	0.0065	1	SW8260D Certifications: NY-11301	09/25/2025 12:45	09/30/2025 23:52	CT007
75-71-8	Dichlorodifluoromethane	ND		mg/Kg	0.00065	0.0065	1	SW8260D Certifications: NY-11301	09/25/2025 12:45	09/30/2025 23:52	CT007
100-41-4	Ethylbenzene	ND		mg/Kg	0.00065	0.0065	1	SW8260D Certifications: NY-11301	09/25/2025 12:45	09/30/2025 23:52	CT007
98-82-8	Isopropylbenzene	ND		mg/Kg	0.00065	0.0065	1	SW8260D Certifications: NY-11301	09/25/2025 12:45	09/30/2025 23:52	CT007
179601-23-1	m&p-Xylene	ND		mg/Kg	0.0013	0.0065	1	SW8260D Certifications: NY-11301	09/25/2025 12:45	09/30/2025 23:52	CT007

Sample Information

Client Sample ID: DB-7 **York Sample ID:** 25I1806-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25I1806	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	September 25, 2025 12:45 pm	09/26/2025

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 Master **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	Methyl ethyl ketone	ND		mg/Kg	0.0065	0.039	1	SW8260D Certifications: NY-11301	09/25/2025 12:45	09/30/2025 23:52	CT007
1634-04-4	Methyl t-butyl ether (MTBE)	ND		mg/Kg	0.0013	0.013	1	SW8260D Certifications: NY-11301	09/25/2025 12:45	09/30/2025 23:52	CT007
79-20-9	Methylacetate	ND		mg/Kg	0.065	0.065	1	SW8260D Certifications: NY-11301	09/25/2025 12:45	09/30/2025 23:52	CT007
108-87-2	Methylcyclohexane	ND		mg/Kg	0.0013	0.0065	1	SW8260D Certifications: NY-11301	09/25/2025 12:45	09/30/2025 23:52	CT007
75-09-2	Methylene chloride	ND		mg/Kg	0.0065	0.033	1	SW8260D Certifications: NY-11301	09/25/2025 12:45	09/30/2025 23:52	CT007
95-47-6	o-Xylene	ND		mg/Kg	0.0013	0.0065	1	SW8260D Certifications: NY-11301	09/25/2025 12:45	09/30/2025 23:52	CT007
100-42-5	Styrene	ND		mg/Kg	0.00065	0.0065	1	SW8260D Certifications: NY-11301	09/25/2025 12:45	09/30/2025 23:52	CT007
127-18-4	Tetrachloroethene	ND		mg/Kg	0.0013	0.0065	1	SW8260D Certifications: NY-11301	09/25/2025 12:45	09/30/2025 23:52	CT007
108-88-3	Toluene	ND		mg/Kg	0.00065	0.0065	1	SW8260D Certifications: NY-11301	09/25/2025 12:45	09/30/2025 23:52	CT007
1330-20-7	Total Xylenes	ND		mg/Kg	0.0065	0.0065	1	SW8260D Certifications: NY-11301	09/25/2025 12:45	09/30/2025 23:52	CT007
156-60-5	trans-1,2-Dichloroethene	ND		mg/Kg	0.00065	0.0065	1	SW8260D Certifications: NY-11301	09/25/2025 12:45	09/30/2025 23:52	CT007
10061-02-6	trans-1,3-Dichloropropene	ND		mg/Kg	0.00065	0.0065	1	SW8260D Certifications: NY-11301	09/25/2025 12:45	09/30/2025 23:52	CT007
79-01-6	Trichloroethene	ND		mg/Kg	0.00065	0.0065	1	SW8260D Certifications: NY-11301	09/25/2025 12:45	09/30/2025 23:52	CT007
75-69-4	Trichlorofluoromethane	ND		mg/Kg	0.0013	0.0065	1	SW8260D Certifications: NY-11301	09/25/2025 12:45	09/30/2025 23:52	CT007
76-13-1	Trichlorotrifluoroethane	ND		mg/Kg	0.00065	0.0065	1	SW8260D Certifications: NY-11301	09/25/2025 12:45	09/30/2025 23:52	CT007
75-01-4	Vinyl chloride	ND		mg/Kg	0.00065	0.0065	1	SW8260D Certifications: NY-11301	09/25/2025 12:45	09/30/2025 23:52	CT007

	Surrogate Recoveries	Result	Acceptance Range
2199-69-1	*Surrogate: % 1,2-dichlorobenzene-d4*	*93 %*	*70-130*
460-00-4	*Surrogate: % Bromofluorobenzene*	*86 %*	*70-130*
1868-53-7	*Surrogate: % Dibromofluoromethane*	*97 %*	*70-130*
2037-26-5	*Surrogate: % Toluene-d8*	*86 %*	*70-130*

Sample Information

Client Sample ID: DB-8 **York Sample ID:** 25I1806-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25I1806	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	September 25, 2025 12:40 pm	09/26/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	44.6	89.0	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:23 NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	AK
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	89.0	178	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:23 NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	AK
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	ug/kg dry	44.6	89.0	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:23 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	44.6	89.0	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:23 NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	AK
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	44.6	89.0	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:23 NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	AK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	44.6	89.0	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:23 NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	AK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	44.6	89.0	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:23 NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	AK
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	89.0	178	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:23 NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	AK
95-95-4	2,4,5-Trichlorophenol	ND	CCVE	ug/kg dry	44.6	89.0	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:23 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	44.6	89.0	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:23 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	44.6	89.0	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:23 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	44.6	89.0	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:23 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
51-28-5	2,4-Dinitrophenol	ND	CCVE	ug/kg dry	89.0	178	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:23 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	44.6	89.0	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:23 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	44.6	89.0	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:23 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	44.6	89.0	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:23 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
95-57-8	2-Chlorophenol	ND		ug/kg dry	44.6	89.0	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:23 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	44.6	89.0	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:23 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
95-48-7	2-Methylphenol	ND		ug/kg dry	44.6	89.0	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:23 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
88-74-4	2-Nitroaniline	ND		ug/kg dry	89.0	178	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:23 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
88-75-5	2-Nitrophenol	ND	CCVE	ug/kg dry	44.6	89.0	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:23 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
65794-96-9	* 3- & 4-Methylphenols	ND		ug/kg dry	44.6	89.0	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:23 CTDPH-PH-0840	AK
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	44.6	89.0	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:23 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK

Sample Information

Client Sample ID: DB-8 **York Sample ID:** 25I1806-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25I1806	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	September 25, 2025 12:40 pm	09/26/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		ug/kg dry	89.0	178	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:23	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	89.0	178	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:23	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	44.6	89.0	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:23	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	44.6	89.0	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:23	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
106-47-8	4-Chloroaniline	ND	CCVE	ug/kg dry	44.6	89.0	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:23	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	44.6	89.0	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:23	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
100-01-6	4-Nitroaniline	ND		ug/kg dry	89.0	178	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:23	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
100-02-7	4-Nitrophenol	ND		ug/kg dry	89.0	178	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:23	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
83-32-9	**Acenaphthene**	**91.8**		ug/kg dry	44.6	89.0	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:23	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
208-96-8	Acenaphthylene	ND		ug/kg dry	44.6	89.0	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:23	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
98-86-2	Acetophenone	ND		ug/kg dry	44.6	89.0	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:23	AK NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
62-53-3	Aniline	ND		ug/kg dry	178	356	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:23	AK NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
120-12-7	**Anthracene**	**127**		ug/kg dry	44.6	89.0	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:23	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
1912-24-9	Atrazine	ND		ug/kg dry	44.6	89.0	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:23	AK NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
100-52-7	Benzaldehyde	ND		ug/kg dry	44.6	89.0	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:23	AK NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
92-87-5	Benzidine	ND	CCVE	ug/kg dry	178	356	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:23	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
56-55-3	**Benzo(a)anthracene**	**474**		ug/kg dry	44.6	89.0	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:23	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
50-32-8	**Benzo(a)pyrene**	**415**		ug/kg dry	44.6	89.0	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:23	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
205-99-2	**Benzo(b)fluoranthene**	**425**		ug/kg dry	44.6	89.0	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:23	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
191-24-2	**Benzo(g,h,i)perylene**	**212**	CCVE	ug/kg dry	44.6	89.0	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:23	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
207-08-9	**Benzo(k)fluoranthene**	**393**	CCVE	ug/kg dry	44.6	89.0	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:23	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
65-85-0	Benzoic acid	ND	CCVE	ug/kg dry	44.6	89.0	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:23	AK NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
100-51-6	Benzyl alcohol	ND		ug/kg dry	44.6	89.0	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:23	AK NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854

Sample Information

Client Sample ID: DB-8 **York Sample ID:** 25I1806-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25I1806	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	September 25, 2025 12:40 pm	09/26/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND	CCVE	ug/kg dry	44.6	89.0	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:23 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	44.6	89.0	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:23 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	44.6	89.0	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:23 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	44.6	89.0	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:23 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
117-81-7	Bis(2-ethylhexyl)phthalate	ND	CCVE	ug/kg dry	44.6	89.0	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:23 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
105-60-2	Caprolactam	ND		ug/kg dry	89.0	178	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:23 NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	AK
86-74-8	**Carbazole**	**74.7**	J	ug/kg dry	44.6	89.0	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:23 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
218-01-9	**Chrysene**	**507**		ug/kg dry	44.6	89.0	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:23 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
53-70-3	**Dibenzo(a,h)anthracene**	**84.7**	J	ug/kg dry	44.6	89.0	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:23 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
132-64-9	Dibenzofuran	ND		ug/kg dry	44.6	89.0	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:23 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
84-66-2	Diethyl phthalate	ND		ug/kg dry	44.6	89.0	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:23 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
131-11-3	Dimethyl phthalate	ND		ug/kg dry	44.6	89.0	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:23 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	44.6	89.0	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:23 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
117-84-0	Di-n-octyl phthalate	ND	CCVE	ug/kg dry	44.6	89.0	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:23 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
206-44-0	**Fluoranthene**	**1040**		ug/kg dry	44.6	89.0	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:23 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
86-73-7	**Fluorene**	**61.9**	J	ug/kg dry	44.6	89.0	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:23 NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	AK
118-74-1	Hexachlorobenzene	ND		ug/kg dry	44.6	89.0	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:23 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	44.6	89.0	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:23 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	ug/kg dry	44.6	89.0	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:23 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
67-72-1	Hexachloroethane	ND		ug/kg dry	44.6	89.0	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:23 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
193-39-5	**Indeno(1,2,3-cd)pyrene**	**243**		ug/kg dry	44.6	89.0	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:23 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
78-59-1	Isophorone	ND		ug/kg dry	44.6	89.0	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:23 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
91-20-3	Naphthalene	ND		ug/kg dry	44.6	89.0	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:23 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK

Sample Information

Client Sample ID: DB-8 **York Sample ID:** 25I1806-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25I1806	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	September 25, 2025 12:40 pm	09/26/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		ug/kg dry	44.6	89.0	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:23	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
62-75-9	N-Nitrosodimethylamine	ND	CCVE	ug/kg dry	44.6	89.0	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:23	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	44.6	89.0	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:23	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	44.6	89.0	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:23	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
87-86-5	Pentachlorophenol	ND	CCVE	ug/kg dry	44.6	89.0	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:23	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
85-01-8	**Phenanthrene**	**514**		ug/kg dry	44.6	89.0	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:23	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
108-95-2	Phenol	ND		ug/kg dry	44.6	89.0	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:23	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
129-00-0	**Pyrene**	**750**	CCVE	ug/kg dry	44.6	89.0	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:23	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
110-86-1	Pyridine	ND	CCVE	ug/kg dry	178	356	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:23	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*44.7 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*45.4 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*61.4 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*56.0 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*64.0 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*57.5 %*	*24-116*

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

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	1.78	5	EPA 8081B Certifications:	10/02/2025 10:02	10/03/2025 20:53	RJ CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0
72-55-9	4,4'-DDE	ND		ug/kg dry	1.78	5	EPA 8081B Certifications:	10/02/2025 10:02	10/03/2025 20:53	RJ CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0
50-29-3	4,4'-DDT	ND		ug/kg dry	1.78	5	EPA 8081B Certifications:	10/02/2025 10:02	10/03/2025 20:53	RJ CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0
309-00-2	Aldrin	ND		ug/kg dry	1.78	5	EPA 8081B Certifications:	10/02/2025 10:02	10/03/2025 20:53	RJ CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0
319-84-6	alpha-BHC	ND		ug/kg dry	1.78	5	EPA 8081B Certifications:	10/02/2025 10:02	10/03/2025 20:53	RJ CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0
319-85-7	beta-BHC	ND		ug/kg dry	1.78	5	EPA 8081B Certifications:	10/02/2025 10:02	10/03/2025 20:53	RJ CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0
319-86-8	delta-BHC	ND		ug/kg dry	1.78	5	EPA 8081B Certifications:	10/02/2025 10:02	10/03/2025 20:53	RJ CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0

Sample Information

Client Sample ID: DB-8 **York Sample ID:** 25I1806-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25I1806	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	September 25, 2025 12:40 pm	09/26/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
60-57-1	Dieldrin	ND		ug/kg dry	1.78	5	EPA 8081B Certifications:	10/02/2025 10:02 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/03/2025 20:53	RJ
959-98-8	Endosulfan I	ND		ug/kg dry	1.78	5	EPA 8081B Certifications:	10/02/2025 10:02 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/03/2025 20:53	RJ
33213-65-9	Endosulfan II	ND		ug/kg dry	1.78	5	EPA 8081B Certifications:	10/02/2025 10:02 CTDPH-PH-0840,NYSDOH-NY10854	10/03/2025 20:53	RJ
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.78	5	EPA 8081B Certifications:	10/02/2025 10:02 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/03/2025 20:53	RJ
72-20-8	Endrin	ND		ug/kg dry	1.78	5	EPA 8081B Certifications:	10/02/2025 10:02 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/03/2025 20:53	RJ
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.78	5	EPA 8081B Certifications:	10/02/2025 10:02 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/03/2025 20:53	RJ
76-44-8	Heptachlor	ND		ug/kg dry	1.78	5	EPA 8081B Certifications:	10/02/2025 10:02 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/03/2025 20:53	RJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*83.2 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*76.6 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications:	10/02/2025 09:56 NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/03/2025 17:43	NF
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications:	10/02/2025 09:56 NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/03/2025 17:43	NF
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications:	10/02/2025 09:56 NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/03/2025 17:43	NF
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications:	10/02/2025 09:56 NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/03/2025 17:43	NF
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications:	10/02/2025 09:56 NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/03/2025 17:43	NF
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications:	10/02/2025 09:56 NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/03/2025 17:43	NF
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications:	10/02/2025 09:56 NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/03/2025 17:43	NF
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications:	10/02/2025 09:56	10/03/2025 17:43	NF

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*75.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*71.5 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: DB-8 **York Sample ID:** 25I1806-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25I1806	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	September 25, 2025 12:40 pm	09/26/2025

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
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	21.5	1	EPA 8151A	10/01/2025 10:11	10/02/2025 13:40	gxb
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*74.6 %*	*21-150*

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**	**8230**		mg/kg dry	4.49	1	EPA 6010D	09/30/2025 14:34	10/01/2025 11:10	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-36-0	Antimony	ND		mg/kg dry	2.24	1	EPA 6010D	09/30/2025 14:34	10/01/2025 11:10	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-38-2	**Arsenic**	**7.88**		mg/kg dry	1.35	1	EPA 6010D	09/30/2025 14:34	10/01/2025 11:10	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-39-3	**Barium**	**64.3**		mg/kg dry	2.24	1	EPA 6010D	09/30/2025 14:34	10/01/2025 11:10	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-41-7	**Beryllium**	**0.420**		mg/kg dry	0.045	1	EPA 6010D	09/30/2025 14:34	10/01/2025 11:10	AGNR
							Certifications:	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-43-9	**Cadmium**	**0.431**		mg/kg dry	0.269	1	EPA 6010D	09/30/2025 14:34	10/01/2025 11:10	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-70-2	**Calcium**	**3880**		mg/kg dry	4.49	1	EPA 6010D	09/30/2025 14:34	10/01/2025 11:10	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-47-3	**Chromium**	**18.8**		mg/kg dry	0.449	1	EPA 6010D	09/30/2025 14:34	10/01/2025 11:10	AGNR
							Certifications:	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-48-4	**Cobalt**	**6.04**		mg/kg dry	0.359	1	EPA 6010D	09/30/2025 14:34	10/01/2025 11:10	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-50-8	**Copper**	**217**		mg/kg dry	1.80	1	EPA 6010D	09/30/2025 14:34	10/01/2025 11:10	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7439-89-6	**Iron**	**13200**		mg/kg dry	22.4	1	EPA 6010D	09/30/2025 14:34	10/01/2025 11:10	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7439-92-1	**Lead**	**210**		mg/kg dry	0.449	1	EPA 6010D	09/30/2025 14:34	10/01/2025 11:10	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7439-95-4	**Magnesium**	**2000**		mg/kg dry	4.49	1	EPA 6010D	09/30/2025 14:34	10/01/2025 11:10	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7439-96-5	**Manganese**	**218**		mg/kg dry	0.449	1	EPA 6010D	09/30/2025 14:34	10/01/2025 11:10	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-02-0	**Nickel**	**18.2**		mg/kg dry	0.894	1	EPA 6010D	09/30/2025 14:34	10/01/2025 11:10	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-09-7	**Potassium**	**938**		mg/kg dry	4.49	1	EPA 6010D	09/30/2025 14:34	10/01/2025 11:10	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7782-49-2	Selenium	ND		mg/kg dry	2.24	1	EPA 6010D	09/30/2025 14:34	10/01/2025 11:10	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		

Sample Information

Client Sample ID: DB-8 **York Sample ID:** 25I1806-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25I1806	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	September 25, 2025 12:40 pm	09/26/2025

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND	M-CCV 1	mg/kg dry	0.453	1	EPA 6010D	09/30/2025 14:34	10/01/2025 11:10	AGNR
							Certifications:	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-23-5	**Sodium**	**217**		mg/kg dry	44.9	1	EPA 6010D	09/30/2025 14:34	10/01/2025 11:10	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-(		
7440-28-0	Thallium	ND		mg/kg dry	1.80	1	EPA 6010D	09/30/2025 14:34	10/01/2025 11:10	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-62-2	**Vanadium**	**24.1**		mg/kg dry	0.894	1	EPA 6010D	09/30/2025 14:34	10/01/2025 11:10	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-(		
7440-66-6	**Zinc**	**488**		mg/kg dry	2.24	1	EPA 6010D	09/30/2025 14:34	10/01/2025 11:10	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-(		

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**	**0.135**		mg/kg dry	0.0323	1	EPA 7473	09/29/2025 08:45	09/29/2025 15:49	LCB
							Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440,CTDPH-PH-		

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**92.8**		%	0.100	1	SM 2540G	09/29/2025 11:56	09/30/2025 11:20	CD
							Certifications:	CTDPH-PH-0840		

Analyzed by: Phoenix Environmental Laboratories, Inc. S

Volatile Organics, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	See Attached						EPA 8260C	09/25/2025 12:40	10/01/2025 00:31	PHO
								Certifications:			

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 Master

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

Sample Prepared by Method: SW8260D

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: DB-8 **York Sample ID:** 25I1806-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25I1806	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	September 25, 2025 12:40 pm	09/26/2025

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 Master **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		mg/Kg	0.00064	0.0064	1	SW8260D Certifications: NY-11301	09/25/2025 12:40	10/01/2025 00:12	CT007
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/Kg	0.0013	0.0064	1	SW8260D Certifications: NY-11301	09/25/2025 12:40	10/01/2025 00:12	CT007
79-00-5	1,1,2-Trichloroethane	ND		mg/Kg	0.0013	0.0064	1	SW8260D Certifications: NY-11301	09/25/2025 12:40	10/01/2025 00:12	CT007
75-34-3	1,1-Dichloroethane	ND		mg/Kg	0.0013	0.0064	1	SW8260D Certifications: NY-11301	09/25/2025 12:40	10/01/2025 00:12	CT007
75-35-4	1,1-Dichloroethene	ND		mg/Kg	0.00064	0.0064	1	SW8260D Certifications: NY-11301	09/25/2025 12:40	10/01/2025 00:12	CT007
87-61-6	1,2,3-Trichlorobenzene	ND		mg/Kg	0.0013	0.0064	1	SW8260D Certifications: NY-11301	09/25/2025 12:40	10/01/2025 00:12	CT007
120-82-1	1,2,4-Trichlorobenzene	ND		mg/Kg	0.0013	0.0064	1	SW8260D Certifications: NY-11301	09/25/2025 12:40	10/01/2025 00:12	CT007
95-63-6	1,2,4-Trimethylbenzene	ND		mg/Kg	0.00064	0.0064	1	SW8260D Certifications: NY-11301	09/25/2025 12:40	10/01/2025 00:12	CT007
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/Kg	0.0013	0.0064	1	SW8260D Certifications: NY-11301	09/25/2025 12:40	10/01/2025 00:12	CT007
106-93-4	1,2-Dibromoethane	ND		mg/Kg	0.00064	0.0064	1	SW8260D Certifications: NY-11301	09/25/2025 12:40	10/01/2025 00:12	CT007
95-50-1	1,2-Dichlorobenzene	ND		mg/Kg	0.00064	0.0064	1	SW8260D Certifications: NY-11301	09/25/2025 12:40	10/01/2025 00:12	CT007
107-06-2	1,2-Dichloroethane	ND		mg/Kg	0.00064	0.0064	1	SW8260D Certifications: NY-11301	09/25/2025 12:40	10/01/2025 00:12	CT007
78-87-5	1,2-Dichloropropane	ND		mg/Kg	0.0013	0.0064	1	SW8260D Certifications: NY-11301	09/25/2025 12:40	10/01/2025 00:12	CT007
108-67-8	1,3,5-Trimethylbenzene	ND		mg/Kg	0.00064	0.0064	1	SW8260D Certifications: NY-11301	09/25/2025 12:40	10/01/2025 00:12	CT007
541-73-1	1,3-Dichlorobenzene	ND		mg/Kg	0.00064	0.0064	1	SW8260D Certifications: NY-11301	09/25/2025 12:40	10/01/2025 00:12	CT007
106-46-7	1,4-Dichlorobenzene	ND		mg/Kg	0.00064	0.0064	1	SW8260D Certifications: NY-11301	09/25/2025 12:40	10/01/2025 00:12	CT007
123-91-1	1,4-dioxane	ND		mg/Kg	0.051	0.096	1	SW8260D Certifications: NY-11301	09/25/2025 12:40	10/01/2025 00:12	CT007
591-78-6	2-Hexanone	ND		mg/Kg	0.0064	0.032	1	SW8260D Certifications: NY-11301	09/25/2025 12:40	10/01/2025 00:12	CT007
108-10-1	4-Methyl-2-pentanone	ND		mg/Kg	0.0064	0.032	1	SW8260D Certifications: NY-11301	09/25/2025 12:40	10/01/2025 00:12	CT007
67-64-1	Acetone	ND		mg/Kg	0.0064	0.064	1	SW8260D Certifications: NY-11301	09/25/2025 12:40	10/01/2025 00:12	CT007
71-43-2	Benzene	ND		mg/Kg	0.00064	0.0064	1	SW8260D Certifications: NY-11301	09/25/2025 12:40	10/01/2025 00:12	CT007
74-97-5	Bromochloromethane	ND		mg/Kg	0.00064	0.0064	1	SW8260D Certifications: NY-11301	09/25/2025 12:40	10/01/2025 00:12	CT007

Sample Information

Client Sample ID: DB-8 **York Sample ID:** 25I1806-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25I1806	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	September 25, 2025 12:40 pm	09/26/2025

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 Master **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-27-4	Bromodichloromethane	ND		mg/Kg	0.0013	0.0064	1	SW8260D Certifications: NY-11301	09/25/2025 12:40	10/01/2025 00:12	CT007
75-25-2	Bromoform	ND		mg/Kg	0.0013	0.0064	1	SW8260D Certifications: NY-11301	09/25/2025 12:40	10/01/2025 00:12	CT007
74-83-9	Bromomethane	ND		mg/Kg	0.0025	0.0064	1	SW8260D Certifications: NY-11301	09/25/2025 12:40	10/01/2025 00:12	CT007
75-15-0	Carbon Disulfide	ND		mg/Kg	0.0013	0.0064	1	SW8260D Certifications: NY-11301	09/25/2025 12:40	10/01/2025 00:12	CT007
56-23-5	Carbon tetrachloride	ND		mg/Kg	0.0013	0.0064	1	SW8260D Certifications: NY-11301	09/25/2025 12:40	10/01/2025 00:12	CT007
108-90-7	Chlorobenzene	ND		mg/Kg	0.00064	0.0064	1	SW8260D Certifications: NY-11301	09/25/2025 12:40	10/01/2025 00:12	CT007
75-00-3	Chloroethane	ND		mg/Kg	0.00064	0.0064	1	SW8260D Certifications: NY-11301	09/25/2025 12:40	10/01/2025 00:12	CT007
67-66-3	Chloroform	ND		mg/Kg	0.00064	0.0064	1	SW8260D Certifications: NY-11301	09/25/2025 12:40	10/01/2025 00:12	CT007
74-87-3	Chloromethane	ND		mg/Kg	0.0013	0.0064	1	SW8260D Certifications: NY-11301	09/25/2025 12:40	10/01/2025 00:12	CT007
156-59-2	cis-1,2-Dichloroethene	ND		mg/Kg	0.00064	0.0064	1	SW8260D Certifications: NY-11301	09/25/2025 12:40	10/01/2025 00:12	CT007
10061-01-5	cis-1,3-Dichloropropene	ND		mg/Kg	0.00064	0.0064	1	SW8260D Certifications: NY-11301	09/25/2025 12:40	10/01/2025 00:12	CT007
110-82-7	Cyclohexane	ND		mg/Kg	0.0013	0.0064	1	SW8260D Certifications: NY-11301	09/25/2025 12:40	10/01/2025 00:12	CT007
124-48-1	Dibromochloromethane	ND		mg/Kg	0.0013	0.0064	1	SW8260D Certifications: NY-11301	09/25/2025 12:40	10/01/2025 00:12	CT007
75-71-8	Dichlorodifluoromethane	ND		mg/Kg	0.00064	0.0064	1	SW8260D Certifications: NY-11301	09/25/2025 12:40	10/01/2025 00:12	CT007
100-41-4	Ethylbenzene	ND		mg/Kg	0.00064	0.0064	1	SW8260D Certifications: NY-11301	09/25/2025 12:40	10/01/2025 00:12	CT007
98-82-8	Isopropylbenzene	ND		mg/Kg	0.00064	0.0064	1	SW8260D Certifications: NY-11301	09/25/2025 12:40	10/01/2025 00:12	CT007
179601-23-1	m&p-Xylene	ND		mg/Kg	0.0013	0.0064	1	SW8260D Certifications: NY-11301	09/25/2025 12:40	10/01/2025 00:12	CT007
78-93-3	Methyl ethyl ketone	ND		mg/Kg	0.0064	0.038	1	SW8260D Certifications: NY-11301	09/25/2025 12:40	10/01/2025 00:12	CT007
1634-04-4	Methyl t-butyl ether (MTBE)	ND		mg/Kg	0.0013	0.013	1	SW8260D Certifications: NY-11301	09/25/2025 12:40	10/01/2025 00:12	CT007
79-20-9	Methylacetate	ND		mg/Kg	0.064	0.064	1	SW8260D Certifications: NY-11301	09/25/2025 12:40	10/01/2025 00:12	CT007
108-87-2	Methylcyclohexane	ND		mg/Kg	0.0013	0.0064	1	SW8260D Certifications: NY-11301	09/25/2025 12:40	10/01/2025 00:12	CT007
75-09-2	Methylene chloride	ND		mg/Kg	0.0064	0.032	1	SW8260D Certifications: NY-11301	09/25/2025 12:40	10/01/2025 00:12	CT007
95-47-6	o-Xylene	ND		mg/Kg	0.0013	0.0064	1	SW8260D Certifications: NY-11301	09/25/2025 12:40	10/01/2025 00:12	CT007

Sample Information

Client Sample ID: DB-8 **York Sample ID:** 25I1806-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25I1806	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	September 25, 2025 12:40 pm	09/26/2025

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 Master **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		mg/Kg	0.00064	0.0064	1	SW8260D Certifications: NY-11301	09/25/2025 12:40	10/01/2025 00:12	CT007
127-18-4	Tetrachloroethene	ND		mg/Kg	0.0013	0.0064	1	SW8260D Certifications: NY-11301	09/25/2025 12:40	10/01/2025 00:12	CT007
108-88-3	Toluene	ND		mg/Kg	0.00064	0.0064	1	SW8260D Certifications: NY-11301	09/25/2025 12:40	10/01/2025 00:12	CT007
1330-20-7	Total Xylenes	ND		mg/Kg	0.0064	0.0064	1	SW8260D Certifications: NY-11301	09/25/2025 12:40	10/01/2025 00:12	CT007
156-60-5	trans-1,2-Dichloroethene	ND		mg/Kg	0.00064	0.0064	1	SW8260D Certifications: NY-11301	09/25/2025 12:40	10/01/2025 00:12	CT007
10061-02-6	trans-1,3-Dichloropropene	ND		mg/Kg	0.00064	0.0064	1	SW8260D Certifications: NY-11301	09/25/2025 12:40	10/01/2025 00:12	CT007
79-01-6	Trichloroethene	ND		mg/Kg	0.00064	0.0064	1	SW8260D Certifications: NY-11301	09/25/2025 12:40	10/01/2025 00:12	CT007
75-69-4	Trichlorofluoromethane	ND		mg/Kg	0.0013	0.0064	1	SW8260D Certifications: NY-11301	09/25/2025 12:40	10/01/2025 00:12	CT007
76-13-1	Trichlorotrifluoroethane	ND		mg/Kg	0.00064	0.0064	1	SW8260D Certifications: NY-11301	09/25/2025 12:40	10/01/2025 00:12	CT007
75-01-4	Vinyl chloride	ND		mg/Kg	0.00064	0.0064	1	SW8260D Certifications: NY-11301	09/25/2025 12:40	10/01/2025 00:12	CT007

	Surrogate Recoveries	Result	Acceptance Range
2199-69-1	*Surrogate: % 1,2-dichlorobenzene-d4*	*94 %*	*70-130*
460-00-4	*Surrogate: % Bromofluorobenzene*	*90 %*	*70-130*
1868-53-7	*Surrogate: % Dibromofluoromethane*	*103 %*	*70-130*
2037-26-5	*Surrogate: % Toluene-d8*	*88 %*	*70-130*

Sample Information

Client Sample ID: DB-9 **York Sample ID:** 25I1806-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25I1806	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	September 25, 2025 12:30 pm	09/26/2025

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	45.2	90.2	2	EPA 8270E Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/01/2025 14:08	10/06/2025 12:53	AK
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	90.2	180	2	EPA 8270E Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/01/2025 14:08	10/06/2025 12:53	AK

Sample Information

Client Sample ID: DB-9 **York Sample ID:** 25I1806-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25I1806	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	September 25, 2025 12:30 pm	09/26/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	ug/kg dry	45.2	90.2	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:53 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	45.2	90.2	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:53 NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	AK
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	45.2	90.2	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:53 NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	AK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	45.2	90.2	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:53 NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	AK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	45.2	90.2	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:53 NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	AK
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	90.2	180	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:53 NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	AK
95-95-4	2,4,5-Trichlorophenol	ND	CCVE	ug/kg dry	45.2	90.2	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:53 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	45.2	90.2	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:53 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	45.2	90.2	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:53 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	45.2	90.2	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:53 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
51-28-5	2,4-Dinitrophenol	ND	CCVE	ug/kg dry	90.2	180	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:53 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	45.2	90.2	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:53 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	45.2	90.2	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:53 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	45.2	90.2	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:53 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
95-57-8	2-Chlorophenol	ND		ug/kg dry	45.2	90.2	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:53 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	45.2	90.2	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:53 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
95-48-7	2-Methylphenol	ND		ug/kg dry	45.2	90.2	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:53 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
88-74-4	2-Nitroaniline	ND		ug/kg dry	90.2	180	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:53 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
88-75-5	2-Nitrophenol	ND	CCVE	ug/kg dry	45.2	90.2	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:53 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
65794-96-9	* 3- & 4-Methylphenols	ND		ug/kg dry	45.2	90.2	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:53 CTDPH-PH-0840	AK
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	45.2	90.2	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:53 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
99-09-2	3-Nitroaniline	ND		ug/kg dry	90.2	180	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:53 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	90.2	180	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:53 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK

Sample Information

Client Sample ID: DB-9 **York Sample ID:** 25I1806-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25I1806	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	September 25, 2025 12:30 pm	09/26/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	45.2	90.2	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:53 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	45.2	90.2	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:53 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
106-47-8	4-Chloroaniline	ND	CCVE	ug/kg dry	45.2	90.2	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:53 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	45.2	90.2	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:53 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
100-01-6	4-Nitroaniline	ND		ug/kg dry	90.2	180	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:53 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
100-02-7	4-Nitrophenol	ND		ug/kg dry	90.2	180	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:53 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
83-32-9	Acenaphthene	ND		ug/kg dry	45.2	90.2	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:53 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
208-96-8	Acenaphthylene	ND		ug/kg dry	45.2	90.2	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:53 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
98-86-2	Acetophenone	ND		ug/kg dry	45.2	90.2	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:53 NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	AK
62-53-3	Aniline	ND		ug/kg dry	181	361	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:53 NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	AK
120-12-7	Anthracene	ND		ug/kg dry	45.2	90.2	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:53 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
1912-24-9	Atrazine	ND		ug/kg dry	45.2	90.2	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:53 NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	AK
100-52-7	Benzaldehyde	ND		ug/kg dry	45.2	90.2	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:53 NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	AK
92-87-5	Benzidine	ND	CCVE	ug/kg dry	181	361	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:53 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
56-55-3	**Benzo(a)anthracene**	**91.5**		ug/kg dry	45.2	90.2	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:53 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
50-32-8	**Benzo(a)pyrene**	**72.8**	J	ug/kg dry	45.2	90.2	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:53 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
205-99-2	**Benzo(b)fluoranthene**	**75.0**	J	ug/kg dry	45.2	90.2	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:53 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
191-24-2	**Benzo(g,h,i)perylene**	**47.6**	CCVE, J	ug/kg dry	45.2	90.2	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:53 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
207-08-9	**Benzo(k)fluoranthene**	**55.5**	CCVE, J	ug/kg dry	45.2	90.2	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:53 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
65-85-0	Benzoic acid	ND	CCVE	ug/kg dry	45.2	90.2	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:53 NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	AK
100-51-6	Benzyl alcohol	ND		ug/kg dry	45.2	90.2	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:53 NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	AK
85-68-7	Benzyl butyl phthalate	ND	CCVE	ug/kg dry	45.2	90.2	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:53 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	45.2	90.2	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:53 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK

Sample Information

Client Sample ID: DB-9 **York Sample ID:** 25I1806-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25I1806	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	September 25, 2025 12:30 pm	09/26/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	45.2	90.2	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:53 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	45.2	90.2	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:53 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
117-81-7	Bis(2-ethylhexyl)phthalate	ND	CCVE	ug/kg dry	45.2	90.2	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:53 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
105-60-2	Caprolactam	ND		ug/kg dry	90.2	180	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:53 NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	AK
86-74-8	Carbazole	ND		ug/kg dry	45.2	90.2	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:53 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
218-01-9	**Chrysene**	**93.7**		ug/kg dry	45.2	90.2	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:53 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	45.2	90.2	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:53 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
132-64-9	Dibenzofuran	ND		ug/kg dry	45.2	90.2	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:53 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
84-66-2	Diethyl phthalate	ND		ug/kg dry	45.2	90.2	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:53 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
131-11-3	Dimethyl phthalate	ND		ug/kg dry	45.2	90.2	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:53 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	45.2	90.2	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:53 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
117-84-0	Di-n-octyl phthalate	ND	CCVE	ug/kg dry	45.2	90.2	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:53 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
206-44-0	**Fluoranthene**	**172**		ug/kg dry	45.2	90.2	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:53 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
86-73-7	Fluorene	ND		ug/kg dry	45.2	90.2	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:53 NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	AK
118-74-1	Hexachlorobenzene	ND		ug/kg dry	45.2	90.2	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:53 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	45.2	90.2	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:53 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	ug/kg dry	45.2	90.2	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:53 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
67-72-1	Hexachloroethane	ND		ug/kg dry	45.2	90.2	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:53 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
193-39-5	**Indeno(1,2,3-cd)pyrene**	**53.3**	J	ug/kg dry	45.2	90.2	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:53 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
78-59-1	Isophorone	ND		ug/kg dry	45.2	90.2	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:53 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
91-20-3	Naphthalene	ND		ug/kg dry	45.2	90.2	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:53 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
98-95-3	Nitrobenzene	ND		ug/kg dry	45.2	90.2	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:53 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
62-75-9	N-Nitrosodimethylamine	ND	CCVE	ug/kg dry	45.2	90.2	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 12:53 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK

Sample Information

Client Sample ID: DB-9 **York Sample ID:** 25I1806-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25I1806	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	September 25, 2025 12:30 pm	09/26/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	45.2	90.2	2	EPA 8270E	10/01/2025 14:08	10/06/2025 12:53	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	45.2	90.2	2	EPA 8270E	10/01/2025 14:08	10/06/2025 12:53	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		
87-86-5	Pentachlorophenol	ND	CCVE	ug/kg dry	45.2	90.2	2	EPA 8270E	10/01/2025 14:08	10/06/2025 12:53	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		
85-01-8	**Phenanthrene**	**84.3**	J	ug/kg dry	45.2	90.2	2	EPA 8270E	10/01/2025 14:08	10/06/2025 12:53	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		
108-95-2	Phenol	ND		ug/kg dry	45.2	90.2	2	EPA 8270E	10/01/2025 14:08	10/06/2025 12:53	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		
129-00-0	**Pyrene**	**140**	CCVE	ug/kg dry	45.2	90.2	2	EPA 8270E	10/01/2025 14:08	10/06/2025 12:53	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		
110-86-1	Pyridine	ND	CCVE	ug/kg dry	181	361	2	EPA 8270E	10/01/2025 14:08	10/06/2025 12:53	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*37.4 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*35.8 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*51.5 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*46.1 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*47.1 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*43.7 %*	*24-116*

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

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	1.80	5	EPA 8081B	10/02/2025 10:02	10/03/2025 21:08	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
72-55-9	4,4'-DDE	ND		ug/kg dry	1.80	5	EPA 8081B	10/02/2025 10:02	10/03/2025 21:08	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
50-29-3	4,4'-DDT	ND		ug/kg dry	1.80	5	EPA 8081B	10/02/2025 10:02	10/03/2025 21:08	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
309-00-2	Aldrin	ND		ug/kg dry	1.80	5	EPA 8081B	10/02/2025 10:02	10/03/2025 21:08	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
319-84-6	alpha-BHC	ND		ug/kg dry	1.80	5	EPA 8081B	10/02/2025 10:02	10/03/2025 21:08	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
5103-71-9	**alpha-Chlordane**	**2.01**		ug/kg dry	1.80	5	EPA 8081B	10/02/2025 10:02	10/03/2025 21:08	RJ
							Certifications:	NYSDOH-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		ug/kg dry	1.80	5	EPA 8081B	10/02/2025 10:02	10/03/2025 21:08	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
319-86-8	delta-BHC	ND		ug/kg dry	1.80	5	EPA 8081B	10/02/2025 10:02	10/03/2025 21:08	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		

Sample Information

Client Sample ID: DB-9 **York Sample ID:** 25I1806-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25I1806	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	September 25, 2025 12:30 pm	09/26/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
60-57-1	Dieldrin	ND		ug/kg dry	1.80	5	EPA 8081B Certifications:	10/02/2025 10:02 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/03/2025 21:08	RJ
959-98-8	Endosulfan I	ND		ug/kg dry	1.80	5	EPA 8081B Certifications:	10/02/2025 10:02 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/03/2025 21:08	RJ
33213-65-9	Endosulfan II	ND		ug/kg dry	1.80	5	EPA 8081B Certifications:	10/02/2025 10:02 CTDPH-PH-0840,NYSDOH-NY10854	10/03/2025 21:08	RJ
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.80	5	EPA 8081B Certifications:	10/02/2025 10:02 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/03/2025 21:08	RJ
72-20-8	Endrin	ND		ug/kg dry	1.80	5	EPA 8081B Certifications:	10/02/2025 10:02 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/03/2025 21:08	RJ
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.80	5	EPA 8081B Certifications:	10/02/2025 10:02 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/03/2025 21:08	RJ
76-44-8	Heptachlor	ND		ug/kg dry	1.80	5	EPA 8081B Certifications:	10/02/2025 10:02 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/03/2025 21:08	RJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*95.3 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*85.9 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

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	0.0180	1	EPA 8082A Certifications:	10/02/2025 09:56 NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/03/2025 17:57	NF
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications:	10/02/2025 09:56 NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/03/2025 17:57	NF
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications:	10/02/2025 09:56 NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/03/2025 17:57	NF
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications:	10/02/2025 09:56 NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/03/2025 17:57	NF
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications:	10/02/2025 09:56 NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/03/2025 17:57	NF
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications:	10/02/2025 09:56 NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/03/2025 17:57	NF
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications:	10/02/2025 09:56 NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/03/2025 17:57	NF
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications:	10/02/2025 09:56	10/03/2025 17:57	NF

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*85.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*81.0 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: DB-9 **York Sample ID:** 25I1806-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25I1806	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	September 25, 2025 12:30 pm	09/26/2025

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
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	21.8	1	EPA 8151A	10/01/2025 10:11	10/02/2025 13:46	gxb
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*58.0 %*	*21-150*

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**	**12200**		mg/kg dry	4.55	1	EPA 6010D	09/30/2025 14:34	10/01/2025 11:11	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-36-0	Antimony	ND		mg/kg dry	2.27	1	EPA 6010D	09/30/2025 14:34	10/01/2025 11:11	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-38-2	**Arsenic**	**10.1**		mg/kg dry	1.37	1	EPA 6010D	09/30/2025 14:34	10/01/2025 11:11	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-39-3	**Barium**	**76.0**		mg/kg dry	2.27	1	EPA 6010D	09/30/2025 14:34	10/01/2025 11:11	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-41-7	**Beryllium**	**0.719**		mg/kg dry	0.046	1	EPA 6010D	09/30/2025 14:34	10/01/2025 11:11	AGNR
							Certifications:	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-43-9	**Cadmium**	**0.319**		mg/kg dry	0.273	1	EPA 6010D	09/30/2025 14:34	10/01/2025 11:11	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-70-2	**Calcium**	**3630**		mg/kg dry	4.55	1	EPA 6010D	09/30/2025 14:34	10/01/2025 11:11	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-47-3	**Chromium**	**31.2**		mg/kg dry	0.455	1	EPA 6010D	09/30/2025 14:34	10/01/2025 11:11	AGNR
							Certifications:	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-48-4	**Cobalt**	**8.42**		mg/kg dry	0.364	1	EPA 6010D	09/30/2025 14:34	10/01/2025 11:11	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-50-8	**Copper**	**464**		mg/kg dry	1.82	1	EPA 6010D	09/30/2025 14:34	10/01/2025 11:11	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7439-89-6	**Iron**	**18800**		mg/kg dry	22.7	1	EPA 6010D	09/30/2025 14:34	10/01/2025 11:11	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7439-92-1	**Lead**	**172**		mg/kg dry	0.455	1	EPA 6010D	09/30/2025 14:34	10/01/2025 11:11	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7439-95-4	**Magnesium**	**2550**		mg/kg dry	4.55	1	EPA 6010D	09/30/2025 14:34	10/01/2025 11:11	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7439-96-5	**Manganese**	**304**		mg/kg dry	0.455	1	EPA 6010D	09/30/2025 14:34	10/01/2025 11:11	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-02-0	**Nickel**	**18.8**		mg/kg dry	0.906	1	EPA 6010D	09/30/2025 14:34	10/01/2025 11:11	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-09-7	**Potassium**	**1100**		mg/kg dry	4.55	1	EPA 6010D	09/30/2025 14:34	10/01/2025 11:11	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7782-49-2	Selenium	ND		mg/kg dry	2.27	1	EPA 6010D	09/30/2025 14:34	10/01/2025 11:11	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		

Sample Information

Client Sample ID: DB-9 **York Sample ID:** 25I1806-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25I1806	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	September 25, 2025 12:30 pm	09/26/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND	M-CCV 1	mg/kg dry	0.459	1	EPA 6010D Certifications:	09/30/2025 14:34 NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440	10/01/2025 11:11	AGNR
7440-23-5	**Sodium**	**303**		mg/kg dry	45.5	1	EPA 6010D Certifications:	09/30/2025 14:34 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-(	10/01/2025 11:11	AGNR
7440-28-0	Thallium	ND		mg/kg dry	1.82	1	EPA 6010D Certifications:	09/30/2025 14:34 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/01/2025 11:11	AGNR
7440-62-2	**Vanadium**	**30.3**		mg/kg dry	0.906	1	EPA 6010D Certifications:	09/30/2025 14:34 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-(	10/01/2025 11:11	AGNR
7440-66-6	**Zinc**	**693**		mg/kg dry	2.27	1	EPA 6010D Certifications:	09/30/2025 14:34 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-(	10/01/2025 11:11	AGNR

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**	**0.434**		mg/kg dry	0.0328	1	EPA 7473 Certifications:	09/29/2025 08:45 NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440,CTDPH-PH-	09/29/2025 15:49	LCB

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.6**		%	0.100	1	SM 2540G Certifications:	09/29/2025 11:56 CTDPH-PH-0840	09/30/2025 11:20	CD

Analyzed by: Phoenix Environmental Laboratories, Inc. S

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	See Attached						EPA 8260C Certifications:	09/25/2025 12:30	10/01/2025 00:12	PHO

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 Master

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SW8260D

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: DB-9 **York Sample ID:** 25I1806-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25I1806	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	September 25, 2025 12:30 pm	09/26/2025

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 Master **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		mg/Kg	0.00079	0.0079	1	SW8260D Certifications: NY-11301	09/25/2025 12:30	10/01/2025 00:31	CT007
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/Kg	0.0016	0.0079	1	SW8260D Certifications: NY-11301	09/25/2025 12:30	10/01/2025 00:31	CT007
79-00-5	1,1,2-Trichloroethane	ND		mg/Kg	0.0016	0.0079	1	SW8260D Certifications: NY-11301	09/25/2025 12:30	10/01/2025 00:31	CT007
75-34-3	1,1-Dichloroethane	ND		mg/Kg	0.0016	0.0079	1	SW8260D Certifications: NY-11301	09/25/2025 12:30	10/01/2025 00:31	CT007
75-35-4	1,1-Dichloroethene	ND		mg/Kg	0.00079	0.0079	1	SW8260D Certifications: NY-11301	09/25/2025 12:30	10/01/2025 00:31	CT007
87-61-6	1,2,3-Trichlorobenzene	ND		mg/Kg	0.0016	0.0079	1	SW8260D Certifications: NY-11301	09/25/2025 12:30	10/01/2025 00:31	CT007
120-82-1	1,2,4-Trichlorobenzene	ND		mg/Kg	0.0016	0.0079	1	SW8260D Certifications: NY-11301	09/25/2025 12:30	10/01/2025 00:31	CT007
95-63-6	1,2,4-Trimethylbenzene	ND		mg/Kg	0.00079	0.0079	1	SW8260D Certifications: NY-11301	09/25/2025 12:30	10/01/2025 00:31	CT007
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/Kg	0.0016	0.0079	1	SW8260D Certifications: NY-11301	09/25/2025 12:30	10/01/2025 00:31	CT007
106-93-4	1,2-Dibromoethane	ND		mg/Kg	0.00079	0.0079	1	SW8260D Certifications: NY-11301	09/25/2025 12:30	10/01/2025 00:31	CT007
95-50-1	1,2-Dichlorobenzene	ND		mg/Kg	0.00079	0.0079	1	SW8260D Certifications: NY-11301	09/25/2025 12:30	10/01/2025 00:31	CT007
107-06-2	1,2-Dichloroethane	ND		mg/Kg	0.00079	0.0079	1	SW8260D Certifications: NY-11301	09/25/2025 12:30	10/01/2025 00:31	CT007
78-87-5	1,2-Dichloropropane	ND		mg/Kg	0.0016	0.0079	1	SW8260D Certifications: NY-11301	09/25/2025 12:30	10/01/2025 00:31	CT007
108-67-8	1,3,5-Trimethylbenzene	ND		mg/Kg	0.00079	0.0079	1	SW8260D Certifications: NY-11301	09/25/2025 12:30	10/01/2025 00:31	CT007
541-73-1	1,3-Dichlorobenzene	ND		mg/Kg	0.00079	0.0079	1	SW8260D Certifications: NY-11301	09/25/2025 12:30	10/01/2025 00:31	CT007
106-46-7	1,4-Dichlorobenzene	ND		mg/Kg	0.00079	0.0079	1	SW8260D Certifications: NY-11301	09/25/2025 12:30	10/01/2025 00:31	CT007
123-91-1	1,4-dioxane	ND		mg/Kg	0.063	0.12	1	SW8260D Certifications: NY-11301	09/25/2025 12:30	10/01/2025 00:31	CT007
591-78-6	2-Hexanone	ND		mg/Kg	0.0079	0.039	1	SW8260D Certifications: NY-11301	09/25/2025 12:30	10/01/2025 00:31	CT007
108-10-1	4-Methyl-2-pentanone	ND		mg/Kg	0.0079	0.039	1	SW8260D Certifications: NY-11301	09/25/2025 12:30	10/01/2025 00:31	CT007
67-64-1	Acetone	ND		mg/Kg	0.0079	0.079	1	SW8260D Certifications: NY-11301	09/25/2025 12:30	10/01/2025 00:31	CT007
71-43-2	Benzene	ND		mg/Kg	0.00079	0.0079	1	SW8260D Certifications: NY-11301	09/25/2025 12:30	10/01/2025 00:31	CT007
74-97-5	Bromochloromethane	ND		mg/Kg	0.00079	0.0079	1	SW8260D Certifications: NY-11301	09/25/2025 12:30	10/01/2025 00:31	CT007

Sample Information

Client Sample ID: DB-9 **York Sample ID:** 25I1806-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25I1806	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	September 25, 2025 12:30 pm	09/26/2025

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 Master **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-27-4	Bromodichloromethane	ND		mg/Kg	0.0016	0.0079	1	SW8260D Certifications: NY-11301	09/25/2025 12:30	10/01/2025 00:31	CT007
75-25-2	Bromoform	ND		mg/Kg	0.0016	0.0079	1	SW8260D Certifications: NY-11301	09/25/2025 12:30	10/01/2025 00:31	CT007
74-83-9	Bromomethane	ND		mg/Kg	0.0031	0.0079	1	SW8260D Certifications: NY-11301	09/25/2025 12:30	10/01/2025 00:31	CT007
75-15-0	Carbon Disulfide	ND		mg/Kg	0.0016	0.0079	1	SW8260D Certifications: NY-11301	09/25/2025 12:30	10/01/2025 00:31	CT007
56-23-5	Carbon tetrachloride	ND		mg/Kg	0.0016	0.0079	1	SW8260D Certifications: NY-11301	09/25/2025 12:30	10/01/2025 00:31	CT007
108-90-7	Chlorobenzene	ND		mg/Kg	0.00079	0.0079	1	SW8260D Certifications: NY-11301	09/25/2025 12:30	10/01/2025 00:31	CT007
75-00-3	Chloroethane	ND		mg/Kg	0.00079	0.0079	1	SW8260D Certifications: NY-11301	09/25/2025 12:30	10/01/2025 00:31	CT007
67-66-3	Chloroform	ND		mg/Kg	0.00079	0.0079	1	SW8260D Certifications: NY-11301	09/25/2025 12:30	10/01/2025 00:31	CT007
74-87-3	Chloromethane	ND		mg/Kg	0.0016	0.0079	1	SW8260D Certifications: NY-11301	09/25/2025 12:30	10/01/2025 00:31	CT007
156-59-2	cis-1,2-Dichloroethene	ND		mg/Kg	0.00079	0.0079	1	SW8260D Certifications: NY-11301	09/25/2025 12:30	10/01/2025 00:31	CT007
10061-01-5	cis-1,3-Dichloropropene	ND		mg/Kg	0.00079	0.0079	1	SW8260D Certifications: NY-11301	09/25/2025 12:30	10/01/2025 00:31	CT007
110-82-7	Cyclohexane	ND		mg/Kg	0.0016	0.0079	1	SW8260D Certifications: NY-11301	09/25/2025 12:30	10/01/2025 00:31	CT007
124-48-1	Dibromochloromethane	ND		mg/Kg	0.0016	0.0079	1	SW8260D Certifications: NY-11301	09/25/2025 12:30	10/01/2025 00:31	CT007
75-71-8	Dichlorodifluoromethane	ND		mg/Kg	0.00079	0.0079	1	SW8260D Certifications: NY-11301	09/25/2025 12:30	10/01/2025 00:31	CT007
100-41-4	Ethylbenzene	ND		mg/Kg	0.00079	0.0079	1	SW8260D Certifications: NY-11301	09/25/2025 12:30	10/01/2025 00:31	CT007
98-82-8	Isopropylbenzene	ND		mg/Kg	0.00079	0.0079	1	SW8260D Certifications: NY-11301	09/25/2025 12:30	10/01/2025 00:31	CT007
179601-23-1	m&p-Xylene	ND		mg/Kg	0.0016	0.0079	1	SW8260D Certifications: NY-11301	09/25/2025 12:30	10/01/2025 00:31	CT007
78-93-3	Methyl ethyl ketone	ND		mg/Kg	0.0079	0.047	1	SW8260D Certifications: NY-11301	09/25/2025 12:30	10/01/2025 00:31	CT007
1634-04-4	Methyl t-butyl ether (MTBE)	ND		mg/Kg	0.0016	0.016	1	SW8260D Certifications: NY-11301	09/25/2025 12:30	10/01/2025 00:31	CT007
79-20-9	Methylacetate	ND		mg/Kg	0.079	0.079	1	SW8260D Certifications: NY-11301	09/25/2025 12:30	10/01/2025 00:31	CT007
108-87-2	Methylcyclohexane	ND		mg/Kg	0.0016	0.0079	1	SW8260D Certifications: NY-11301	09/25/2025 12:30	10/01/2025 00:31	CT007
75-09-2	Methylene chloride	ND		mg/Kg	0.0079	0.039	1	SW8260D Certifications: NY-11301	09/25/2025 12:30	10/01/2025 00:31	CT007
95-47-6	o-Xylene	ND		mg/Kg	0.0016	0.0079	1	SW8260D Certifications: NY-11301	09/25/2025 12:30	10/01/2025 00:31	CT007

Sample Information

Client Sample ID: DB-9 **York Sample ID:** 25I1806-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25I1806	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	September 25, 2025 12:30 pm	09/26/2025

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 Master **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		mg/Kg	0.00079	0.0079	1	SW8260D Certifications: NY-11301	09/25/2025 12:30	10/01/2025 00:31	CT007
127-18-4	Tetrachloroethene	ND		mg/Kg	0.0016	0.0079	1	SW8260D Certifications: NY-11301	09/25/2025 12:30	10/01/2025 00:31	CT007
108-88-3	Toluene	ND		mg/Kg	0.00079	0.0079	1	SW8260D Certifications: NY-11301	09/25/2025 12:30	10/01/2025 00:31	CT007
1330-20-7	Total Xylenes	ND		mg/Kg	0.0079	0.0079	1	SW8260D Certifications: NY-11301	09/25/2025 12:30	10/01/2025 00:31	CT007
156-60-5	trans-1,2-Dichloroethene	ND		mg/Kg	0.00079	0.0079	1	SW8260D Certifications: NY-11301	09/25/2025 12:30	10/01/2025 00:31	CT007
10061-02-6	trans-1,3-Dichloropropene	ND		mg/Kg	0.00079	0.0079	1	SW8260D Certifications: NY-11301	09/25/2025 12:30	10/01/2025 00:31	CT007
79-01-6	Trichloroethene	ND		mg/Kg	0.00079	0.0079	1	SW8260D Certifications: NY-11301	09/25/2025 12:30	10/01/2025 00:31	CT007
75-69-4	Trichlorofluoromethane	ND		mg/Kg	0.0016	0.0079	1	SW8260D Certifications: NY-11301	09/25/2025 12:30	10/01/2025 00:31	CT007
76-13-1	Trichlorotrifluoroethane	ND		mg/Kg	0.00079	0.0079	1	SW8260D Certifications: NY-11301	09/25/2025 12:30	10/01/2025 00:31	CT007
75-01-4	Vinyl chloride	ND		mg/Kg	0.00079	0.0079	1	SW8260D Certifications: NY-11301	09/25/2025 12:30	10/01/2025 00:31	CT007

	Surrogate Recoveries	Result	Acceptance Range
2199-69-1	*Surrogate: % 1,2-dichlorobenzene-d4*	*96 %*	*70-130*
460-00-4	*Surrogate: % Bromofluorobenzene*	*86 %*	*70-130*
1868-53-7	*Surrogate: % Dibromofluoromethane*	*106 %*	*70-130*
2037-26-5	*Surrogate: % Toluene-d8*	*86 %*	*70-130*

Sample Information

Client Sample ID: DB-10 **York Sample ID:** 25I1806-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25I1806	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	September 25, 2025 12:25 pm	09/26/2025

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	44.9	89.6	2	EPA 8270E Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/01/2025 14:08	10/06/2025 13:23	AK
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	89.6	179	2	EPA 8270E Certifications: NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	10/01/2025 14:08	10/06/2025 13:23	AK

Sample Information

Client Sample ID: DB-10 **York Sample ID:** 25I1806-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25I1806	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	September 25, 2025 12:25 pm	09/26/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	ug/kg dry	44.9	89.6	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 13:23 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	44.9	89.6	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 13:23 NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	AK
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	44.9	89.6	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 13:23 NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	AK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	44.9	89.6	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 13:23 NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	AK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	44.9	89.6	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 13:23 NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	AK
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	89.6	179	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 13:23 NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	AK
95-95-4	2,4,5-Trichlorophenol	ND	CCVE	ug/kg dry	44.9	89.6	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 13:23 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	44.9	89.6	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 13:23 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	44.9	89.6	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 13:23 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	44.9	89.6	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 13:23 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
51-28-5	2,4-Dinitrophenol	ND	CCVE	ug/kg dry	89.6	179	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 13:23 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	44.9	89.6	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 13:23 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	44.9	89.6	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 13:23 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	44.9	89.6	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 13:23 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
95-57-8	2-Chlorophenol	ND		ug/kg dry	44.9	89.6	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 13:23 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	44.9	89.6	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 13:23 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
95-48-7	2-Methylphenol	ND		ug/kg dry	44.9	89.6	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 13:23 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
88-74-4	2-Nitroaniline	ND		ug/kg dry	89.6	179	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 13:23 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
88-75-5	2-Nitrophenol	ND	CCVE	ug/kg dry	44.9	89.6	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 13:23 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
65794-96-9	* 3- & 4-Methylphenols	ND		ug/kg dry	44.9	89.6	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 13:23 CTDPH-PH-0840	AK
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	44.9	89.6	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 13:23 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
99-09-2	3-Nitroaniline	ND		ug/kg dry	89.6	179	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 13:23 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	89.6	179	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 13:23 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK

Sample Information

Client Sample ID: DB-10 **York Sample ID:** 25I1806-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25I1806	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	September 25, 2025 12:25 pm	09/26/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	44.9	89.6	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 13:23	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	44.9	89.6	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 13:23	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
106-47-8	4-Chloroaniline	ND	CCVE	ug/kg dry	44.9	89.6	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 13:23	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	44.9	89.6	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 13:23	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
100-01-6	4-Nitroaniline	ND		ug/kg dry	89.6	179	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 13:23	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
100-02-7	4-Nitrophenol	ND		ug/kg dry	89.6	179	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 13:23	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
83-32-9	Acenaphthene	ND		ug/kg dry	44.9	89.6	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 13:23	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
208-96-8	Acenaphthylene	ND		ug/kg dry	44.9	89.6	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 13:23	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
98-86-2	Acetophenone	ND		ug/kg dry	44.9	89.6	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 13:23	AK NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
62-53-3	Aniline	ND		ug/kg dry	179	359	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 13:23	AK NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
120-12-7	Anthracene	ND		ug/kg dry	44.9	89.6	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 13:23	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
1912-24-9	Atrazine	ND		ug/kg dry	44.9	89.6	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 13:23	AK NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
100-52-7	Benzaldehyde	ND		ug/kg dry	44.9	89.6	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 13:23	AK NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
92-87-5	Benzidine	ND	CCVE	ug/kg dry	179	359	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 13:23	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
56-55-3	**Benzo(a)anthracene**	**67.3**	J	ug/kg dry	44.9	89.6	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 13:23	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
50-32-8	**Benzo(a)pyrene**	**61.6**	J	ug/kg dry	44.9	89.6	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 13:23	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
205-99-2	**Benzo(b)fluoranthene**	**68.8**	J	ug/kg dry	44.9	89.6	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 13:23	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
191-24-2	Benzo(g,h,i)perylene	ND	CCVE	ug/kg dry	44.9	89.6	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 13:23	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
207-08-9	**Benzo(k)fluoranthene**	**52.3**	CCVE, J	ug/kg dry	44.9	89.6	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 13:23	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
65-85-0	Benzoic acid	ND	CCVE	ug/kg dry	44.9	89.6	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 13:23	AK NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
100-51-6	Benzyl alcohol	ND		ug/kg dry	44.9	89.6	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 13:23	AK NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
85-68-7	Benzyl butyl phthalate	ND	CCVE	ug/kg dry	44.9	89.6	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 13:23	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	44.9	89.6	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 13:23	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1

Sample Information

Client Sample ID: **DB-10** **York Sample ID:** **25I1806-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25I1806	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	September 25, 2025 12:25 pm	09/26/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	44.9	89.6	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 13:23	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	44.9	89.6	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 13:23	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
117-81-7	Bis(2-ethylhexyl)phthalate	ND	CCVE	ug/kg dry	44.9	89.6	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 13:23	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
105-60-2	Caprolactam	ND		ug/kg dry	89.6	179	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 13:23	AK NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
86-74-8	Carbazole	ND		ug/kg dry	44.9	89.6	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 13:23	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
218-01-9	**Chrysene**	**62.3**	J	ug/kg dry	44.9	89.6	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 13:23	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	44.9	89.6	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 13:23	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
132-64-9	Dibenzofuran	ND		ug/kg dry	44.9	89.6	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 13:23	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
84-66-2	Diethyl phthalate	ND		ug/kg dry	44.9	89.6	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 13:23	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
131-11-3	Dimethyl phthalate	ND		ug/kg dry	44.9	89.6	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 13:23	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	44.9	89.6	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 13:23	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
117-84-0	Di-n-octyl phthalate	ND	CCVE	ug/kg dry	44.9	89.6	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 13:23	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
206-44-0	**Fluoranthene**	**100**		ug/kg dry	44.9	89.6	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 13:23	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
86-73-7	Fluorene	ND		ug/kg dry	44.9	89.6	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 13:23	AK NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
118-74-1	Hexachlorobenzene	ND		ug/kg dry	44.9	89.6	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 13:23	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	44.9	89.6	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 13:23	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	ug/kg dry	44.9	89.6	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 13:23	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
67-72-1	Hexachloroethane	ND		ug/kg dry	44.9	89.6	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 13:23	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	44.9	89.6	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 13:23	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
78-59-1	Isophorone	ND		ug/kg dry	44.9	89.6	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 13:23	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
91-20-3	Naphthalene	ND		ug/kg dry	44.9	89.6	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 13:23	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
98-95-3	Nitrobenzene	ND		ug/kg dry	44.9	89.6	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 13:23	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
62-75-9	N-Nitrosodimethylamine	ND	CCVE	ug/kg dry	44.9	89.6	2	EPA 8270E Certifications:	10/01/2025 14:08	10/06/2025 13:23	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1

Sample Information

Client Sample ID: DB-10 **York Sample ID:** 25I1806-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25I1806	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	September 25, 2025 12:25 pm	09/26/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	44.9	89.6	2	EPA 8270E	10/01/2025 14:08	10/06/2025 13:23	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	44.9	89.6	2	EPA 8270E	10/01/2025 14:08	10/06/2025 13:23	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		
87-86-5	Pentachlorophenol	ND	CCVE	ug/kg dry	44.9	89.6	2	EPA 8270E	10/01/2025 14:08	10/06/2025 13:23	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		
85-01-8	Phenanthrene	ND		ug/kg dry	44.9	89.6	2	EPA 8270E	10/01/2025 14:08	10/06/2025 13:23	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		
108-95-2	Phenol	ND		ug/kg dry	44.9	89.6	2	EPA 8270E	10/01/2025 14:08	10/06/2025 13:23	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		
129-00-0	**Pyrene**	**93.1**	CCVE	ug/kg dry	44.9	89.6	2	EPA 8270E	10/01/2025 14:08	10/06/2025 13:23	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		
110-86-1	Pyridine	ND	CCVE	ug/kg dry	179	359	2	EPA 8270E	10/01/2025 14:08	10/06/2025 13:23	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*45.8 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*45.1 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*61.0 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*54.0 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*56.2 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*51.6 %*	*24-116*

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

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	1.79	5	EPA 8081B	10/02/2025 10:02	10/03/2025 21:55	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
72-55-9	4,4'-DDE	ND		ug/kg dry	1.79	5	EPA 8081B	10/02/2025 10:02	10/03/2025 21:55	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
50-29-3	4,4'-DDT	ND		ug/kg dry	1.79	5	EPA 8081B	10/02/2025 10:02	10/03/2025 21:55	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
309-00-2	Aldrin	ND		ug/kg dry	1.79	5	EPA 8081B	10/02/2025 10:02	10/03/2025 21:55	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
319-84-6	alpha-BHC	ND		ug/kg dry	1.79	5	EPA 8081B	10/02/2025 10:02	10/03/2025 21:55	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.79	5	EPA 8081B	10/02/2025 10:02	10/03/2025 21:55	RJ
							Certifications:	NYSDOH-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		ug/kg dry	1.79	5	EPA 8081B	10/02/2025 10:02	10/03/2025 21:55	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
319-86-8	delta-BHC	ND		ug/kg dry	1.79	5	EPA 8081B	10/02/2025 10:02	10/03/2025 21:55	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
60-57-1	Dieldrin	ND		ug/kg dry	1.79	5	EPA 8081B	10/02/2025 10:02	10/03/2025 21:55	RJ
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		

Sample Information

Client Sample ID: DB-10 **York Sample ID:** 25I1806-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25I1806	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	September 25, 2025 12:25 pm	09/26/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

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	1.79	5	EPA 8081B Certifications:	10/02/2025 10:02 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/03/2025 21:55	RJ
33213-65-9	Endosulfan II	ND		ug/kg dry	1.79	5	EPA 8081B Certifications:	10/02/2025 10:02 CTDPH-PH-0840,NYSDOH-NY10854	10/03/2025 21:55	RJ
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.79	5	EPA 8081B Certifications:	10/02/2025 10:02 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/03/2025 21:55	RJ
72-20-8	Endrin	ND		ug/kg dry	1.79	5	EPA 8081B Certifications:	10/02/2025 10:02 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/03/2025 21:55	RJ
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.79	5	EPA 8081B Certifications:	10/02/2025 10:02 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/03/2025 21:55	RJ
76-44-8	Heptachlor	ND		ug/kg dry	1.79	5	EPA 8081B Certifications:	10/02/2025 10:02 CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0	10/03/2025 21:55	RJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*91.1 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*81.2 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications:	10/02/2025 09:56 NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/03/2025 18:11	NF
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications:	10/02/2025 09:56 NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/03/2025 18:11	NF
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications:	10/02/2025 09:56 NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/03/2025 18:11	NF
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications:	10/02/2025 09:56 NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/03/2025 18:11	NF
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications:	10/02/2025 09:56 NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/03/2025 18:11	NF
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications:	10/02/2025 09:56 NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/03/2025 18:11	NF
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications:	10/02/2025 09:56 NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-0	10/03/2025 18:11	NF
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications:	10/02/2025 09:56	10/03/2025 18:11	NF

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*70.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*68.5 %*	*30-120*

HERB, 8151 MASTER

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

Sample Information

Client Sample ID: DB-10 **York Sample ID:** 25I1806-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25I1806	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	September 25, 2025 12:25 pm	09/26/2025

93-72-1	2,4,5-TP (Silvex)	ND	ug/kg dry	21.6	1	EPA 8151A	10/01/2025 10:11	10/02/2025 13:52	gxb
						Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*91.8 %*	*21-150*

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**	**9930**		mg/kg dry	4.52	1	EPA 6010D	09/30/2025 14:34	10/01/2025 11:18	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-36-0	Antimony	ND		mg/kg dry	2.26	1	EPA 6010D	09/30/2025 14:34	10/01/2025 11:18	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-38-2	**Arsenic**	**8.03**		mg/kg dry	1.36	1	EPA 6010D	09/30/2025 14:34	10/01/2025 11:18	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-39-3	**Barium**	**60.1**		mg/kg dry	2.26	1	EPA 6010D	09/30/2025 14:34	10/01/2025 11:18	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-41-7	**Beryllium**	**0.409**		mg/kg dry	0.046	1	EPA 6010D	09/30/2025 14:34	10/01/2025 11:18	AGNR
							Certifications:	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-43-9	Cadmium	ND		mg/kg dry	0.271	1	EPA 6010D	09/30/2025 14:34	10/01/2025 11:18	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-70-2	**Calcium**	**1750**		mg/kg dry	4.52	1	EPA 6010D	09/30/2025 14:34	10/01/2025 11:18	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-47-3	**Chromium**	**28.7**		mg/kg dry	0.453	1	EPA 6010D	09/30/2025 14:34	10/01/2025 11:18	AGNR
							Certifications:	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440		
7440-48-4	**Cobalt**	**4.81**		mg/kg dry	0.361	1	EPA 6010D	09/30/2025 14:34	10/01/2025 11:18	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-50-8	**Copper**	**121**		mg/kg dry	1.81	1	EPA 6010D	09/30/2025 14:34	10/01/2025 11:18	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7439-89-6	**Iron**	**14900**		mg/kg dry	22.6	1	EPA 6010D	09/30/2025 14:34	10/01/2025 11:18	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7439-92-1	**Lead**	**92.3**		mg/kg dry	0.453	1	EPA 6010D	09/30/2025 14:34	10/01/2025 11:18	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7439-95-4	**Magnesium**	**2040**		mg/kg dry	4.53	1	EPA 6010D	09/30/2025 14:34	10/01/2025 11:18	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7439-96-5	**Manganese**	**155**		mg/kg dry	0.453	1	EPA 6010D	09/30/2025 14:34	10/01/2025 11:18	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-02-0	**Nickel**	**11.7**		mg/kg dry	0.901	1	EPA 6010D	09/30/2025 14:34	10/01/2025 11:18	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-09-7	**Potassium**	**1100**		mg/kg dry	4.53	1	EPA 6010D	09/30/2025 14:34	10/01/2025 11:18	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7782-49-2	Selenium	ND		mg/kg dry	2.26	1	EPA 6010D	09/30/2025 14:34	10/01/2025 11:18	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-22-4	Silver	ND	M-CCV 1	mg/kg dry	0.456	1	EPA 6010D	09/30/2025 14:34	10/01/2025 11:18	AGNR
							Certifications:	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: DB-10 **York Sample ID:** 25I1806-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25I1806	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	September 25, 2025 12:25 pm	09/26/2025

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**109**		mg/kg dry	45.2	1	EPA 6010D	09/30/2025 14:34	10/01/2025 11:18	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-(		
7440-28-0	Thallium	ND		mg/kg dry	1.81	1	EPA 6010D	09/30/2025 14:34	10/01/2025 11:18	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-0		
7440-62-2	**Vanadium**	**27.4**		mg/kg dry	0.901	1	EPA 6010D	09/30/2025 14:34	10/01/2025 11:18	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-(		
7440-66-6	**Zinc**	**132**		mg/kg dry	2.25	1	EPA 6010D	09/30/2025 14:34	10/01/2025 11:18	AGNR
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-(		

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**	**0.0718**		mg/kg dry	0.0326	1	EPA 7473	09/29/2025 08:45	09/29/2025 15:49	LCB
							Certifications:	NJDEP-CT005,NYSDOH-NY10854,PADEP-68-04440,CTDPH-PH-		

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**92.1**		%	0.100	1	SM 2540G	09/29/2025 11:56	09/30/2025 11:20	CD
							Certifications:	CTDPH-PH-0840		

Analyzed by: Phoenix Environmental Laboratories, Inc. S

Volatile Organics, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	See Attached						EPA 8260C	09/25/2025 12:25	10/01/2025 00:51	PHO
								Certifications:			

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 Master

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

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		mg/Kg	0.00067	0.0067	1	SW8260D	09/25/2025 12:25	10/01/2025 00:51	CT007
								Certifications:	NY-11301		

Sample Information

Client Sample ID: DB-10 **York Sample ID:** 25I1806-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25I1806	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	September 25, 2025 12:25 pm	09/26/2025

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 Master **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/Kg	0.0013	0.0067	1	SW8260D Certifications: NY-11301	09/25/2025 12:25	10/01/2025 00:51	CT007
79-00-5	1,1,2-Trichloroethane	ND		mg/Kg	0.0013	0.0067	1	SW8260D Certifications: NY-11301	09/25/2025 12:25	10/01/2025 00:51	CT007
75-34-3	1,1-Dichloroethane	ND		mg/Kg	0.0013	0.0067	1	SW8260D Certifications: NY-11301	09/25/2025 12:25	10/01/2025 00:51	CT007
75-35-4	1,1-Dichloroethene	ND		mg/Kg	0.00067	0.0067	1	SW8260D Certifications: NY-11301	09/25/2025 12:25	10/01/2025 00:51	CT007
87-61-6	1,2,3-Trichlorobenzene	ND		mg/Kg	0.0013	0.0067	1	SW8260D Certifications: NY-11301	09/25/2025 12:25	10/01/2025 00:51	CT007
120-82-1	1,2,4-Trichlorobenzene	ND		mg/Kg	0.0013	0.0067	1	SW8260D Certifications: NY-11301	09/25/2025 12:25	10/01/2025 00:51	CT007
95-63-6	1,2,4-Trimethylbenzene	ND		mg/Kg	0.00067	0.0067	1	SW8260D Certifications: NY-11301	09/25/2025 12:25	10/01/2025 00:51	CT007
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/Kg	0.0013	0.0067	1	SW8260D Certifications: NY-11301	09/25/2025 12:25	10/01/2025 00:51	CT007
106-93-4	1,2-Dibromoethane	ND		mg/Kg	0.00067	0.0067	1	SW8260D Certifications: NY-11301	09/25/2025 12:25	10/01/2025 00:51	CT007
95-50-1	1,2-Dichlorobenzene	ND		mg/Kg	0.00067	0.0067	1	SW8260D Certifications: NY-11301	09/25/2025 12:25	10/01/2025 00:51	CT007
107-06-2	1,2-Dichloroethane	ND		mg/Kg	0.00067	0.0067	1	SW8260D Certifications: NY-11301	09/25/2025 12:25	10/01/2025 00:51	CT007
78-87-5	1,2-Dichloropropane	ND		mg/Kg	0.0013	0.0067	1	SW8260D Certifications: NY-11301	09/25/2025 12:25	10/01/2025 00:51	CT007
108-67-8	1,3,5-Trimethylbenzene	ND		mg/Kg	0.00067	0.0067	1	SW8260D Certifications: NY-11301	09/25/2025 12:25	10/01/2025 00:51	CT007
541-73-1	1,3-Dichlorobenzene	ND		mg/Kg	0.00067	0.0067	1	SW8260D Certifications: NY-11301	09/25/2025 12:25	10/01/2025 00:51	CT007
106-46-7	1,4-Dichlorobenzene	ND		mg/Kg	0.00067	0.0067	1	SW8260D Certifications: NY-11301	09/25/2025 12:25	10/01/2025 00:51	CT007
123-91-1	1,4-dioxane	ND		mg/Kg	0.053	0.1	1	SW8260D Certifications: NY-11301	09/25/2025 12:25	10/01/2025 00:51	CT007
591-78-6	2-Hexanone	ND		mg/Kg	0.0067	0.033	1	SW8260D Certifications: NY-11301	09/25/2025 12:25	10/01/2025 00:51	CT007
108-10-1	4-Methyl-2-pentanone	ND		mg/Kg	0.0067	0.033	1	SW8260D Certifications: NY-11301	09/25/2025 12:25	10/01/2025 00:51	CT007
67-64-1	**Acetone**	**0.036**	JS	mg/Kg	0.0067	0.067	1	SW8260D Certifications: NY-11301	09/25/2025 12:25	10/01/2025 00:51	CT007
71-43-2	Benzene	ND		mg/Kg	0.00067	0.0067	1	SW8260D Certifications: NY-11301	09/25/2025 12:25	10/01/2025 00:51	CT007
74-97-5	Bromochloromethane	ND		mg/Kg	0.00067	0.0067	1	SW8260D Certifications: NY-11301	09/25/2025 12:25	10/01/2025 00:51	CT007
75-27-4	Bromodichloromethane	ND		mg/Kg	0.0013	0.0067	1	SW8260D Certifications: NY-11301	09/25/2025 12:25	10/01/2025 00:51	CT007

Sample Information

Client Sample ID: DB-10 **York Sample ID:** 25I1806-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25I1806	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	September 25, 2025 12:25 pm	09/26/2025

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 Master **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-25-2	Bromoform	ND		mg/Kg	0.0013	0.0067	1	SW8260D Certifications: NY-11301	09/25/2025 12:25	10/01/2025 00:51	CT007
74-83-9	Bromomethane	ND		mg/Kg	0.0027	0.0067	1	SW8260D Certifications: NY-11301	09/25/2025 12:25	10/01/2025 00:51	CT007
75-15-0	Carbon Disulfide	ND		mg/Kg	0.0013	0.0067	1	SW8260D Certifications: NY-11301	09/25/2025 12:25	10/01/2025 00:51	CT007
56-23-5	Carbon tetrachloride	ND		mg/Kg	0.0013	0.0067	1	SW8260D Certifications: NY-11301	09/25/2025 12:25	10/01/2025 00:51	CT007
108-90-7	Chlorobenzene	ND		mg/Kg	0.00067	0.0067	1	SW8260D Certifications: NY-11301	09/25/2025 12:25	10/01/2025 00:51	CT007
75-00-3	Chloroethane	ND		mg/Kg	0.00067	0.0067	1	SW8260D Certifications: NY-11301	09/25/2025 12:25	10/01/2025 00:51	CT007
67-66-3	Chloroform	ND		mg/Kg	0.00067	0.0067	1	SW8260D Certifications: NY-11301	09/25/2025 12:25	10/01/2025 00:51	CT007
74-87-3	Chloromethane	ND		mg/Kg	0.0013	0.0067	1	SW8260D Certifications: NY-11301	09/25/2025 12:25	10/01/2025 00:51	CT007
156-59-2	cis-1,2-Dichloroethene	ND		mg/Kg	0.00067	0.0067	1	SW8260D Certifications: NY-11301	09/25/2025 12:25	10/01/2025 00:51	CT007
10061-01-5	cis-1,3-Dichloropropene	ND		mg/Kg	0.00067	0.0067	1	SW8260D Certifications: NY-11301	09/25/2025 12:25	10/01/2025 00:51	CT007
110-82-7	Cyclohexane	ND		mg/Kg	0.0013	0.0067	1	SW8260D Certifications: NY-11301	09/25/2025 12:25	10/01/2025 00:51	CT007
124-48-1	Dibromochloromethane	ND		mg/Kg	0.0013	0.0067	1	SW8260D Certifications: NY-11301	09/25/2025 12:25	10/01/2025 00:51	CT007
75-71-8	Dichlorodifluoromethane	ND		mg/Kg	0.00067	0.0067	1	SW8260D Certifications: NY-11301	09/25/2025 12:25	10/01/2025 00:51	CT007
100-41-4	Ethylbenzene	ND		mg/Kg	0.00067	0.0067	1	SW8260D Certifications: NY-11301	09/25/2025 12:25	10/01/2025 00:51	CT007
98-82-8	Isopropylbenzene	ND		mg/Kg	0.00067	0.0067	1	SW8260D Certifications: NY-11301	09/25/2025 12:25	10/01/2025 00:51	CT007
179601-23-1	m&p-Xylene	ND		mg/Kg	0.0013	0.0067	1	SW8260D Certifications: NY-11301	09/25/2025 12:25	10/01/2025 00:51	CT007
78-93-3	Methyl ethyl ketone	ND		mg/Kg	0.0067	0.04	1	SW8260D Certifications: NY-11301	09/25/2025 12:25	10/01/2025 00:51	CT007
1634-04-4	Methyl t-butyl ether (MTBE)	ND		mg/Kg	0.0013	0.013	1	SW8260D Certifications: NY-11301	09/25/2025 12:25	10/01/2025 00:51	CT007
79-20-9	Methylacetate	ND		mg/Kg	0.067	0.067	1	SW8260D Certifications: NY-11301	09/25/2025 12:25	10/01/2025 00:51	CT007
108-87-2	Methylcyclohexane	ND		mg/Kg	0.0013	0.0067	1	SW8260D Certifications: NY-11301	09/25/2025 12:25	10/01/2025 00:51	CT007
75-09-2	Methylene chloride	ND		mg/Kg	0.0067	0.033	1	SW8260D Certifications: NY-11301	09/25/2025 12:25	10/01/2025 00:51	CT007
95-47-6	o-Xylene	ND		mg/Kg	0.0013	0.0067	1	SW8260D Certifications: NY-11301	09/25/2025 12:25	10/01/2025 00:51	CT007
100-42-5	Styrene	ND		mg/Kg	0.00067	0.0067	1	SW8260D Certifications: NY-11301	09/25/2025 12:25	10/01/2025 00:51	CT007

Sample Information

Client Sample ID: DB-10 **York Sample ID:** 25I1806-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25I1806	236 Richmond Valley Rd Staten Island A22-115 JB	Soil	September 25, 2025 12:25 pm	09/26/2025

Analyzed by: Phoenix Environmental Labs, Inc.

VOA, 8260 Master **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SW8260D

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethene	ND		mg/Kg	0.0013	0.0067	1	SW8260D Certifications: NY-11301	09/25/2025 12:25	10/01/2025 00:51	CT007
108-88-3	Toluene	ND		mg/Kg	0.00067	0.0067	1	SW8260D Certifications: NY-11301	09/25/2025 12:25	10/01/2025 00:51	CT007
1330-20-7	Total Xylenes	ND		mg/Kg	0.0067	0.0067	1	SW8260D Certifications: NY-11301	09/25/2025 12:25	10/01/2025 00:51	CT007
156-60-5	trans-1,2-Dichloroethene	ND		mg/Kg	0.00067	0.0067	1	SW8260D Certifications: NY-11301	09/25/2025 12:25	10/01/2025 00:51	CT007
10061-02-6	trans-1,3-Dichloropropene	ND		mg/Kg	0.00067	0.0067	1	SW8260D Certifications: NY-11301	09/25/2025 12:25	10/01/2025 00:51	CT007
79-01-6	Trichloroethene	ND		mg/Kg	0.00067	0.0067	1	SW8260D Certifications: NY-11301	09/25/2025 12:25	10/01/2025 00:51	CT007
75-69-4	Trichlorofluoromethane	ND		mg/Kg	0.0013	0.0067	1	SW8260D Certifications: NY-11301	09/25/2025 12:25	10/01/2025 00:51	CT007
76-13-1	Trichlorotrifluoroethane	ND		mg/Kg	0.00067	0.0067	1	SW8260D Certifications: NY-11301	09/25/2025 12:25	10/01/2025 00:51	CT007
75-01-4	Vinyl chloride	ND		mg/Kg	0.00067	0.0067	1	SW8260D Certifications: NY-11301	09/25/2025 12:25	10/01/2025 00:51	CT007

	Surrogate Recoveries	Result	Acceptance Range
2199-69-1	*Surrogate: % 1,2-dichlorobenzene-d4*	*96 %*	*70-130*
460-00-4	*Surrogate: % Bromofluorobenzene*	*87 %*	*70-130*
1868-53-7	*Surrogate: % Dibromofluoromethane*	*105 %*	*70-130*
2037-26-5	*Surrogate: % Toluene-d8*	*87 %*	*70-130*

Analytical Batch Summary

Batch ID: [none] **Preparation Method:** EPA 5035A **Prepared By:**

YORK Sample ID	Client Sample ID	Preparation Date
25I1806-01	DB-7	09/25/25
25I1806-02	DB-8	09/25/25
25I1806-03	DB-9	09/25/25
25I1806-04	DB-10	09/25/25

Batch ID: 806064A **Preparation Method:** SW8260D **Prepared By:**

YORK Sample ID	Client Sample ID	Preparation Date
25I1806-01	DB-7	09/25/25
25I1806-02	DB-8	09/25/25
25I1806-03	DB-9	09/25/25
25I1806-04	DB-10	09/25/25

Batch ID: BI51990 **Preparation Method:** EPA 7473 soil **Prepared By:** LCB

YORK Sample ID	Client Sample ID	Preparation Date
25I1806-01	DB-7	09/29/25
25I1806-02	DB-8	09/29/25
25I1806-03	DB-9	09/29/25
25I1806-04	DB-10	09/29/25
BI51990-BLK1	Blank	09/29/25
BI51990-SRM1	Reference	09/29/25

Batch ID: BI52022 **Preparation Method:** % Solids Prep **Prepared By:** DNP

YORK Sample ID	Client Sample ID	Preparation Date
25I1806-01	DB-7	09/29/25
25I1806-02	DB-8	09/29/25
25I1806-03	DB-9	09/29/25
25I1806-04	DB-10	09/29/25

Batch ID: BI52118 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
25I1806-01	DB-7	09/30/25
25I1806-02	DB-8	09/30/25
25I1806-03	DB-9	09/30/25
25I1806-04	DB-10	09/30/25
BI52118-BLK1	Blank	09/30/25
BI52118-SRM1	Reference	09/30/25

Batch ID: BJ50050 **Preparation Method:** EPA 3550C/8151A **Prepared By:** RB

YORK Sample ID	Client Sample ID	Preparation Date
25I1806-01	DB-7	10/01/25
25I1806-02	DB-8	10/01/25
25I1806-03	DB-9	10/01/25
25I1806-04	DB-10	10/01/25
BJ50050-BLK1	Blank	10/01/25
BJ50050-BS1	LCS	10/01/25

Batch ID: BJ50064 **Preparation Method:** EPA 3550C **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date
25I1806-01	DB-7	10/01/25
25I1806-02	DB-8	10/01/25
25I1806-03	DB-9	10/01/25
25I1806-04	DB-10	10/01/25
BJ50064-BLK1	Blank	10/01/25
BJ50064-BS1	LCS	10/01/25

Batch ID: BJ50141 **Preparation Method:** EPA 3546 PPCB **Prepared By:** RB

YORK Sample ID	Client Sample ID	Preparation Date
25I1806-01	DB-7	10/02/25
25I1806-02	DB-8	10/02/25
25I1806-03	DB-9	10/02/25
25I1806-04	DB-10	10/02/25
BJ50141-BLK1	Blank	10/02/25
BJ50141-BS2	LCS	10/02/25

Batch ID: BJ50142 **Preparation Method:** EPA 3546 PPCB **Prepared By:** RB

YORK Sample ID	Client Sample ID	Preparation Date
25I1806-01	DB-7	10/02/25
25I1806-02	DB-8	10/02/25
25I1806-03	DB-9	10/02/25
25I1806-04	DB-10	10/02/25
BJ50142-BLK1	Blank	10/02/25
BJ50142-BS1	LCS	10/02/25

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ50064 - EPA 3550C											
Blank (BJ50064-BLK1)											
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	"								

Prepared: 10/01/2025 Analyzed: 10/02/2025

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ50064 - EPA 3550C											
Blank (BJ50064-BLK1)											
Prepared: 10/01/2025 Analyzed: 10/02/2025											
Bis(2-ethylhexyl)phthalate	ND	41.6	ug/kg wet								
Caprolactam	ND	83.0	"								
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	"								
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	"								
Pyridine	ND	166	"								
Surrogate: SURR: 2-Fluorophenol	*1430*		"	*1660*		*85.8*	*20-108*				
Surrogate: SURR: Phenol-d6	*1380*		"	*1660*		*82.8*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*721*		"	*831*		*86.8*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*654*		"	*831*		*78.7*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1880*		"	*1660*		*113*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*861*		"	*831*		*104*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ50064 - EPA 3550C											
LCS (BJ50064-BS1)								Prepared: 10/01/2025 Analyzed: 10/02/2025			
1,1-Biphenyl	627	41.6	ug/kg wet	831		75.4	18-111				
1,2,4,5-Tetrachlorobenzene	869	83.0	"	831		105	21-131				
1,2,4-Trichlorobenzene	637	41.6	"	831		76.7	10-140				
1,2-Dichlorobenzene	567	41.6	"	831		68.3	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	688	41.6	"	831		82.9	17-137				
1,3-Dichlorobenzene	558	41.6	"	831		67.2	33-110				
1,4-Dichlorobenzene	570	41.6	"	831		68.7	32-104				
2,3,4,6-Tetrachlorophenol	597	83.0	"	831		71.9	30-130				
2,4,5-Trichlorophenol	598	41.6	"	831		72.0	27-118				
2,4,6-Trichlorophenol	587	41.6	"	831		70.7	31-120				
2,4-Dichlorophenol	629	41.6	"	831		75.7	20-127				
2,4-Dimethylphenol	626	41.6	"	831		75.4	14-132				
2,4-Dinitrophenol	116	83.0	"	831		14.0	10-171				
2,4-Dinitrotoluene	727	41.6	"	831		87.5	34-131				
2,6-Dinitrotoluene	674	41.6	"	831		81.2	31-128				
2-Chloronaphthalene	595	41.6	"	831		71.7	31-117				
2-Chlorophenol	605	41.6	"	831		72.8	33-113				
2-Methylnaphthalene	568	41.6	"	831		68.4	12-138				
2-Methylphenol	660	41.6	"	831		79.5	10-136				
2-Nitroaniline	677	83.0	"	831		81.6	27-132				
2-Nitrophenol	610	41.6	"	831		73.4	17-129				
3- & 4-Methylphenols	591	41.6	"	831		71.1	29-103				
3,3-Dichlorobenzidine	516	41.6	"	831		62.2	22-149				
3-Nitroaniline	505	83.0	"	831		60.8	20-133				
4,6-Dinitro-2-methylphenol	704	83.0	"	831		84.8	10-143				
4-Bromophenyl phenyl ether	742	41.6	"	831		89.3	29-120				
4-Chloro-3-methylphenol	707	41.6	"	831		85.2	24-129				
4-Chloroaniline	383	41.6	"	831		46.2	10-132				
4-Chlorophenyl phenyl ether	670	41.6	"	831		80.7	27-124				
4-Nitroaniline	583	83.0	"	831		70.2	16-128				
4-Nitrophenol	531	83.0	"	831		63.9	10-141				
Acenaphthene	562	41.6	"	831		67.7	30-121				
Acenaphthylene	627	41.6	"	831		75.4	30-115				
Acetophenone	660	41.6	"	831		79.5	20-112				
Aniline	602	166	"	831		72.4	10-119				
Anthracene	612	41.6	"	831		73.6	34-118				
Atrazine	817	41.6	"	831		98.3	26-112				
Benzaldehyde	627	41.6	"	831		75.5	21-100				
Benzo(a)anthracene	700	41.6	"	831		84.3	32-122				
Benzo(a)pyrene	665	41.6	"	831		80.0	29-133				
Benzo(b)fluoranthene	691	41.6	"	831		83.2	25-133				
Benzo(g,h,i)perylene	704	41.6	"	831		84.7	10-143				
Benzo(k)fluoranthene	662	41.6	"	831		79.8	25-128				
Benzoic acid	ND	41.6	"	831			10-140	Low Bias			
Benzyl alcohol	596	41.6	"	831		71.8	30-115				
Benzyl butyl phthalate	585	41.6	"	831		70.5	26-126				
Bis(2-chloroethoxy)methane	648	41.6	"	831		78.0	19-132				
Bis(2-chloroethyl)ether	564	41.6	"	831		68.0	19-125				
Bis(2-chloroisopropyl)ether	522	41.6	"	831		62.8	20-135				
Bis(2-ethylhexyl)phthalate	587	41.6	"	831		70.7	10-155				
Caprolactam	842	83.0	"	831		101	10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ50064 - EPA 3550C											
LCS (BJ50064-BS1)											
Prepared: 10/01/2025 Analyzed: 10/02/2025											
Carbazole	589	41.6	ug/kg wet	831		70.9	35-123				
Chrysene	685	41.6	"	831		82.5	32-123				
Dibenzo(a,h)anthracene	661	41.6	"	831		79.6	10-136				
Dibenzofuran	635	41.6	"	831		76.4	29-121				
Diethyl phthalate	662	41.6	"	831		79.7	34-116				
Dimethyl phthalate	637	41.6	"	831		76.6	35-124				
Di-n-butyl phthalate	606	41.6	"	831		72.9	31-116				
Di-n-octyl phthalate	543	41.6	"	831		65.4	26-136				
Fluoranthene	640	41.6	"	831		77.1	33-122				
Fluorene	632	41.6	"	831		76.1	29-123				
Hexachlorobenzene	652	41.6	"	831		78.5	21-124				
Hexachlorobutadiene	737	41.6	"	831		88.7	10-149				
Hexachlorocyclopentadiene	374	41.6	"	831		45.0	10-129				
Hexachloroethane	596	41.6	"	831		71.8	28-108				
Indeno(1,2,3-cd)pyrene	770	41.6	"	831		92.8	10-135				
Isophorone	665	41.6	"	831		80.1	20-132				
Naphthalene	619	41.6	"	831		74.5	23-124				
Nitrobenzene	658	41.6	"	831		79.2	13-132				
N-Nitrosodimethylamine	455	41.6	"	831		54.8	11-129				
N-nitroso-di-n-propylamine	632	41.6	"	831		76.1	24-119				
N-Nitrosodiphenylamine	805	41.6	"	831		96.9	22-152				
Pentachlorophenol	249	41.6	"	831		29.9	10-139				
Phenanthrene	612	41.6	"	831		73.7	33-123				
Phenol	731	41.6	"	831		88.0	23-115				
Pyrene	687	41.6	"	831		82.8	24-130				
Pyridine	295	166	"	831		35.6	10-91				
Surrogate: SURR: 2-Fluorophenol	*1170*		"	*1660*		*70.5*	*20-108*				
Surrogate: SURR: Phenol-d6	*1200*		"	*1660*		*72.0*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*600*		"	*831*		*72.2*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*565*		"	*831*		*68.1*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1810*		"	*1660*		*109*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*704*		"	*831*		*84.8*	*24-116*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ50142 - EPA 3546 PPCB											
Blank (BJ50142-BLK1)									Prepared: 10/02/2025 Analyzed: 10/03/2025		
4,4'-DDD	ND	1.65	ug/kg wet								
4,4'-DDE	ND	1.65	"								
4,4'-DDT	ND	1.65	"								
Aldrin	ND	1.65	"								
alpha-BHC	ND	1.65	"								
alpha-Chlordane	ND	1.65	"								
beta-BHC	ND	1.65	"								
delta-BHC	ND	1.65	"								
Dieldrin	ND	1.65	"								
Endosulfan I	ND	1.65	"								
Endosulfan II	ND	1.65	"								
Endosulfan sulfate	ND	1.65	"								
Endrin	ND	1.65	"								
gamma-BHC (Lindane)	ND	1.65	"								
Heptachlor	ND	1.65	"								
Surrogate: Decachlorobiphenyl	*98.2*		*"*	*66.7*		*147*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*103*		*"*	*66.7*		*154*	*30-150*				
LCS (BJ50142-BS1)									Prepared: 10/02/2025 Analyzed: 10/03/2025		
4,4'-DDD	23.5	1.65	ug/kg wet	33.3		70.6	40-140				
4,4'-DDE	24.6	1.65	"	33.3		73.8	40-140				
4,4'-DDT	23.2	1.65	"	33.3		69.6	40-140				
Aldrin	24.6	1.65	"	33.3		73.7	40-140				
alpha-BHC	25.3	1.65	"	33.3		76.0	40-140				
alpha-Chlordane	25.2	1.65	"	33.3		75.5	40-140				
beta-BHC	27.7	1.65	"	33.3		83.1	40-140				
delta-BHC	23.1	1.65	"	33.3		69.3	40-140				
Dieldrin	24.9	1.65	"	33.3		74.6	40-140				
Endosulfan I	26.3	1.65	"	33.3		78.9	40-140				
Endosulfan II	27.0	1.65	"	33.3		81.0	40-140				
Endosulfan sulfate	23.6	1.65	"	33.3		70.9	40-140				
Endrin	23.9	1.65	"	33.3		71.8	40-140				
gamma-BHC (Lindane)	25.2	1.65	"	33.3		75.6	40-140				
Heptachlor	23.6	1.65	"	33.3		70.7	40-140				
Surrogate: Decachlorobiphenyl	*88.6*		*"*	*66.7*		*133*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*94.4*		*"*	*66.7*		*142*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ50141 - EPA 3546 PPCB											
Blank (BJ50141-BLK1)									Prepared: 10/02/2025 Analyzed: 10/03/2025		
Aroclor 1016	ND	0.0167	mg/kg wet								
Aroclor 1221	ND	0.0167	"								
Aroclor 1232	ND	0.0167	"								
Aroclor 1242	ND	0.0167	"								
Aroclor 1248	ND	0.0167	"								
Aroclor 1254	ND	0.0167	"								
Aroclor 1260	ND	0.0167	"								
Total PCBs	ND	0.0167	"								
Surrogate: Tetrachloro-m-xylene	*0.0513*		*"*	*0.0667*		*77.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0527*		*"*	*0.0667*		*79.0*	*30-120*				
LCS (BJ50141-BS2)									Prepared: 10/02/2025 Analyzed: 10/03/2025		
Aroclor 1016	0.258	0.0167	mg/kg wet	0.333		77.3	40-130				
Aroclor 1260	0.261	0.0167	"	0.333		78.2	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0213*		*"*	*0.0667*		*32.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0300*		*"*	*0.0667*		*45.0*	*30-120*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ50050 - EPA 3550C/8151A											
Blank (BJ50050-BLK1)									Prepared: 10/01/2025 Analyzed: 10/02/2025		
2,4,5-TP (Silvex)	ND	20.0	ug/kg wet								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*527*		*"*	*417*		*126*	*21-150*				
LCS (BJ50050-BS1)									Prepared: 10/01/2025 Analyzed: 10/02/2025		
2,4,5-TP (Silvex)	68.3	20.0	ug/kg wet	66.7		102	10-120				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*525*		*"*	*417*		*126*	*21-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI52118 - EPA 3050B											
Blank (BI52118-BLK1)											Prepared: 09/30/2025 Analyzed: 10/01/2025
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	ND	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	1.67	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								
Reference (BI52118-SRM1)											Prepared: 09/30/2025 Analyzed: 10/01/2025
Aluminum	6690	4.17	mg/kg wet	6840		97.8	53.2-146.2				
Antimony	55.4	2.08	"	101		54.9	0.1-199				
Arsenic	148	1.25	"	148		99.9	81.1-119.6				
Barium	200	2.08	"	191		105	81.7-118.3				
Beryllium	234	0.042	"	240		97.3	82.1-117.5				
Cadmium	179	0.250	"	190		94.3	82.1-118.4				
Calcium	3960	4.17	"	4030		98.2	82.1-117.9				
Chromium	129	0.417	"	132		97.7	81.1-118.9				
Cobalt	127	0.333	"	126		101	82.5-117.5				
Copper	245	1.67	"	234		105	82.9-117.5				
Iron	6710	20.8	"	6830		98.2	59.7-140.4				
Lead	96.8	0.417	"	98.6		98.2	81.8-117.6				
Magnesium	2060	4.17	"	1960		105	76-124				
Manganese	245	0.417	"	244		100	80.7-119.3				
Nickel	156	0.830	"	155		101	81.9-118.1				
Potassium	2140	4.17	"	2070		103	71-128.5				
Selenium	122	2.08	"	124		98.5	78.5-121				
Silver	56.9	0.420	"	54.9		104	79.4-120.8				
Sodium	291	41.7	"	275		106	73.5-126.2				
Thallium	175	1.67	"	183		95.8	80.3-119.7				
Vanadium	134	0.830	"	137		97.8	78.1-121.9				
Zinc	337	2.08	"	345		97.6	79.4-120.6				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI51990 - EPA 7473 soil											
Blank (BI51990-BLK1)									Prepared & Analyzed: 09/29/2025		
Mercury	ND	0.0300	mg/kg wet								
Reference (BI51990-SRM1)									Prepared & Analyzed: 09/29/2025		
Mercury	18.376		mg/kg	24.0		76.6	55.8-109.6				

Sample and Data Qualifiers Relating to This Work Order

See Attach	See Attached
P	This qualifier indicates the compound detected exhibited greater than 40% between the quantitation and confirmatory columns.
M-CCV1	The recovery for this element in the Continuing Calibration Verification (CCV) was outside the 90-110% recovery criteria.
l	This parameter is outside laboratory lcs/lcsd specified recovery limits.
JS	[Undefined]
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.
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).

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Field Chain-of-Custody Record

YORK
ANALYTICAL LABORATORIES INC

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

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

YORK Project Number: 25I1806

Report To:	Invoice To:
Company: Laurel Environmental	Company:
Address: 53 W Hills Road, Huntington Station NY 11746	Address: Kathy
Phone: (631) 673-0612	Phone:
Contact: Scott Yanuck	Contact:
E-mail: labresults@laurelenv.com	E-mail: jburgher@laurelenv.com

YOUR Project Name / Number: 230 Richmond Valley Rd, Staten Island A22415 JB

PO Number:

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

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

Connor Grosso

Samples Collected by: (print AND sign your name)

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

Preservative (please list number of containers)

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other: DI Water	Prt 375 VOCs w/ TICs	TAL SVOCs	TAL Metals	Prt 375 Herbicides, Pesticides, PCBs	Grab or Comp. G/C
DB-7	9/25/25	12:45	S	X		X							X	X	X	X		G
DB-8	↓	12:40	↓	X		X							X	X	X	X		↓
DB-9		12:30		X		X							X	X	X	X		
DB-10		12:25		X		X							X	X	X	X		

Analyses Requested

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- RUSH - Five Day
- Standard (6-9 Day): X
- PFAS Standard 7-10 Day

Report Type (circle)

- QA Report
- Summary (Results Only)
- NY ASP B Package
- NJ Reduced
- NJ DKQP
- NJ Full
- CT RCP

EDD Type (circle)

- EQuIS (standard)
- NYSDEC EQuIS
- NJDEP SRP Haz Site
- Standard Excel
- CMDP
- Other:

Regulatory Comparative

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

- Field Filtered
- Lab Filtered

Comments:

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

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

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

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
Laurel	9/26/25 1050 AM	1. Ballwork	9-26-25 1050AM	2. Ballwork	9/26/25 18:00
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
		3.		3.	
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
		4.			9-26-25 18:00 / 5.1 Degrees C

PHOENIX
Environmental Laboratories, Inc.

Thursday, October 02, 2025

Attn:
York Analytical Laboratories
120 Research Drive
Stratford, CT 06615

Project ID: 25I1806
SDG ID: GCU36414
Sample ID#s: CU36414 - CU36417

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

SDG Comments

October 02, 2025

SDG I.D.: GCU36414

Any compound that is not detected above the MDL/LOD is reported as ND on the report and is reported in the electronic deliverables (EDD) as <RL or U at the RL per state and EPA guidance.

Version 1: Analysis results minus raw data.

Version 2: Complete report with raw data.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

Sample Id Cross Reference

October 02, 2025

SDG I.D.: GCU36414

Project ID: 25I1806

Client Id	Lab Id	Matrix	Col Date
DB-7	CU36414	SOIL	09/25/25 12:45
DB-8	CU36415	SOIL	09/25/25 12:40
DB-9	CU36416	SOIL	09/25/25 12:30
DB-10	CU36417	SOIL	09/25/25 12:25

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

October 02, 2025

FOR: Attn:
York Analytical Laboratories
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	CG	09/25/25	12:45
Location Code:	YORK-VOC	Received by:	SR1	09/29/25	13:05
Rush Request:	5 Day	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCU36414
Phoenix ID: CU36414

Project ID: 25I1806
Client ID: DB-7

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	89			%		09/29/25	CV	SW846-%Solid
Volatiles (TCL)								
1,1,1-Trichloroethane	ND	0.0065	0.00065	mg/Kg	1	09/30/25	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	0.0065	0.0013	mg/Kg	1	09/30/25	JLI	SW8260D
1,1,2-Trichloroethane	ND	0.0065	0.0013	mg/Kg	1	09/30/25	JLI	SW8260D
1,1-Dichloroethane	ND	0.0065	0.0013	mg/Kg	1	09/30/25	JLI	SW8260D
1,1-Dichloroethene	ND	0.0065	0.00065	mg/Kg	1	09/30/25	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	0.0065	0.0013	mg/Kg	1	09/30/25	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	0.0065	0.0013	mg/Kg	1	09/30/25	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	0.0065	0.00065	mg/Kg	1	09/30/25	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.0065	0.0013	mg/Kg	1	09/30/25	JLI	SW8260D
1,2-Dibromoethane	ND	0.0065	0.00065	mg/Kg	1	09/30/25	JLI	SW8260D
1,2-Dichlorobenzene	ND	0.0065	0.00065	mg/Kg	1	09/30/25	JLI	SW8260D
1,2-Dichloroethane	ND	0.0065	0.00065	mg/Kg	1	09/30/25	JLI	SW8260D
1,2-Dichloropropane	ND	0.0065	0.0013	mg/Kg	1	09/30/25	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	0.0065	0.00065	mg/Kg	1	09/30/25	JLI	SW8260D
1,3-Dichlorobenzene	ND	0.0065	0.00065	mg/Kg	1	09/30/25	JLI	SW8260D
1,4-Dichlorobenzene	ND	0.0065	0.00065	mg/Kg	1	09/30/25	JLI	SW8260D
2-Hexanone	ND	0.033	0.0065	mg/Kg	1	09/30/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	0.033	0.0065	mg/Kg	1	09/30/25	JLI	SW8260D
Acetone	ND	0.065	0.0065	mg/Kg	1	09/30/25	JLI	SW8260D
Benzene	ND	0.0065	0.00065	mg/Kg	1	09/30/25	JLI	SW8260D
Bromochloromethane	ND	0.0065	0.00065	mg/Kg	1	09/30/25	JLI	SW8260D
Bromodichloromethane	ND	0.0065	0.0013	mg/Kg	1	09/30/25	JLI	SW8260D
Bromoform	ND	0.0065	0.0013	mg/Kg	1	09/30/25	JLI	SW8260D
Bromomethane	ND	0.0065	0.0026	mg/Kg	1	09/30/25	JLI	SW8260D
Carbon Disulfide	ND	0.0065	0.0013	mg/Kg	1	09/30/25	JLI	SW8260D

Project ID: 25I1806
Client ID: DB-7

Phoenix I.D.: CU36414

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Carbon tetrachloride	ND	0.0065	0.0013	mg/Kg	1	09/30/25	JLI	SW8260D
Chlorobenzene	ND	0.0065	0.00065	mg/Kg	1	09/30/25	JLI	SW8260D
Chloroethane	ND	0.0065	0.00065	mg/Kg	1	09/30/25	JLI	SW8260D
Chloroform	ND	0.0065	0.00065	mg/Kg	1	09/30/25	JLI	SW8260D
Chloromethane	ND	0.0065	0.0013	mg/Kg	1	09/30/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	0.0065	0.00065	mg/Kg	1	09/30/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	0.0065	0.00065	mg/Kg	1	09/30/25	JLI	SW8260D
Cyclohexane	ND	0.0065	0.0013	mg/Kg	1	09/30/25	JLI	SW8260D
Dibromochloromethane	ND	0.0065	0.0013	mg/Kg	1	09/30/25	JLI	SW8260D
Dichlorodifluoromethane	ND	0.0065	0.00065	mg/Kg	1	09/30/25	JLI	SW8260D
Ethylbenzene	ND	0.0065	0.00065	mg/Kg	1	09/30/25	JLI	SW8260D
Isopropylbenzene	ND	0.0065	0.00065	mg/Kg	1	09/30/25	JLI	SW8260D
m&p-Xylene	ND	0.0065	0.0013	mg/Kg	1	09/30/25	JLI	SW8260D
Methyl ethyl ketone	ND	0.039	0.0065	mg/Kg	1	09/30/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	0.013	0.0013	mg/Kg	1	09/30/25	JLI	SW8260D
Methylacetate	ND	0.065	0.065	mg/Kg	1	09/30/25	JLI	SW8260D
Methylcyclohexane	ND	0.0065	0.0013	mg/Kg	1	09/30/25	JLI	SW8260D
Methylene chloride	ND	0.033	0.0065	mg/Kg	1	09/30/25	JLI	SW8260D
o-Xylene	ND	0.0065	0.0013	mg/Kg	1	09/30/25	JLI	SW8260D
Styrene	ND	0.0065	0.00065	mg/Kg	1	09/30/25	JLI	SW8260D
Tetrachloroethene	ND	0.0065	0.0013	mg/Kg	1	09/30/25	JLI	SW8260D
Toluene	ND	0.0065	0.00065	mg/Kg	1	09/30/25	JLI	SW8260D
Total Xylenes	ND	0.0065	0.0065	mg/Kg	1	09/30/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	0.0065	0.00065	mg/Kg	1	09/30/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	0.0065	0.00065	mg/Kg	1	09/30/25	JLI	SW8260D
Trichloroethene	ND	0.0065	0.00065	mg/Kg	1	09/30/25	JLI	SW8260D
Trichlorofluoromethane	ND	0.0065	0.0013	mg/Kg	1	09/30/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	0.0065	0.00065	mg/Kg	1	09/30/25	JLI	SW8260D
Vinyl chloride	ND	0.0065	0.00065	mg/Kg	1	09/30/25	JLI	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	93			%	1	09/30/25	JLI	70 - 130 %
% Bromofluorobenzene	86			%	1	09/30/25	JLI	70 - 130 %
% Dibromofluoromethane	97			%	1	09/30/25	JLI	70 - 130 %
% Toluene-d8	86			%	1	09/30/25	JLI	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	0.098	0.052	mg/Kg	1	09/30/25	JLI	SW8260D
Volatile Library Search	Completed					10/01/25	JLI	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
October 02, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

October 02, 2025

FOR: Attn:
York Analytical Laboratories
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	CG	09/25/25	12:40
Location Code:	YORK-VOC	Received by:	SR1	09/29/25	13:05
Rush Request:	5 Day	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCU36414
Phoenix ID: CU36415

Project ID: 25I1806
Client ID: DB-8

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	91			%		09/29/25	CV	SW846-%Solid
Volatiles (TCL)								
1,1,1-Trichloroethane	ND	0.0064	0.00064	mg/Kg	1	10/01/25	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	0.0064	0.0013	mg/Kg	1	10/01/25	JLI	SW8260D
1,1,2-Trichloroethane	ND	0.0064	0.0013	mg/Kg	1	10/01/25	JLI	SW8260D
1,1-Dichloroethane	ND	0.0064	0.0013	mg/Kg	1	10/01/25	JLI	SW8260D
1,1-Dichloroethene	ND	0.0064	0.00064	mg/Kg	1	10/01/25	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	0.0064	0.0013	mg/Kg	1	10/01/25	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	0.0064	0.0013	mg/Kg	1	10/01/25	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	0.0064	0.00064	mg/Kg	1	10/01/25	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.0064	0.0013	mg/Kg	1	10/01/25	JLI	SW8260D
1,2-Dibromoethane	ND	0.0064	0.00064	mg/Kg	1	10/01/25	JLI	SW8260D
1,2-Dichlorobenzene	ND	0.0064	0.00064	mg/Kg	1	10/01/25	JLI	SW8260D
1,2-Dichloroethane	ND	0.0064	0.00064	mg/Kg	1	10/01/25	JLI	SW8260D
1,2-Dichloropropane	ND	0.0064	0.0013	mg/Kg	1	10/01/25	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	0.0064	0.00064	mg/Kg	1	10/01/25	JLI	SW8260D
1,3-Dichlorobenzene	ND	0.0064	0.00064	mg/Kg	1	10/01/25	JLI	SW8260D
1,4-Dichlorobenzene	ND	0.0064	0.00064	mg/Kg	1	10/01/25	JLI	SW8260D
2-Hexanone	ND	0.032	0.0064	mg/Kg	1	10/01/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	0.032	0.0064	mg/Kg	1	10/01/25	JLI	SW8260D
Acetone	ND	0.064	0.0064	mg/Kg	1	10/01/25	JLI	SW8260D
Benzene	ND	0.0064	0.00064	mg/Kg	1	10/01/25	JLI	SW8260D
Bromochloromethane	ND	0.0064	0.00064	mg/Kg	1	10/01/25	JLI	SW8260D
Bromodichloromethane	ND	0.0064	0.0013	mg/Kg	1	10/01/25	JLI	SW8260D
Bromoform	ND	0.0064	0.0013	mg/Kg	1	10/01/25	JLI	SW8260D
Bromomethane	ND	0.0064	0.0025	mg/Kg	1	10/01/25	JLI	SW8260D
Carbon Disulfide	ND	0.0064	0.0013	mg/Kg	1	10/01/25	JLI	SW8260D

Project ID: 25I1806
Client ID: DB-8

Phoenix I.D.: CU36415

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Carbon tetrachloride	ND	0.0064	0.0013	mg/Kg	1	10/01/25	JLI	SW8260D
Chlorobenzene	ND	0.0064	0.00064	mg/Kg	1	10/01/25	JLI	SW8260D
Chloroethane	ND	0.0064	0.00064	mg/Kg	1	10/01/25	JLI	SW8260D
Chloroform	ND	0.0064	0.00064	mg/Kg	1	10/01/25	JLI	SW8260D
Chloromethane	ND	0.0064	0.0013	mg/Kg	1	10/01/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	0.0064	0.00064	mg/Kg	1	10/01/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	0.0064	0.00064	mg/Kg	1	10/01/25	JLI	SW8260D
Cyclohexane	ND	0.0064	0.0013	mg/Kg	1	10/01/25	JLI	SW8260D
Dibromochloromethane	ND	0.0064	0.0013	mg/Kg	1	10/01/25	JLI	SW8260D
Dichlorodifluoromethane	ND	0.0064	0.00064	mg/Kg	1	10/01/25	JLI	SW8260D
Ethylbenzene	ND	0.0064	0.00064	mg/Kg	1	10/01/25	JLI	SW8260D
Isopropylbenzene	ND	0.0064	0.00064	mg/Kg	1	10/01/25	JLI	SW8260D
m&p-Xylene	ND	0.0064	0.0013	mg/Kg	1	10/01/25	JLI	SW8260D
Methyl ethyl ketone	ND	0.038	0.0064	mg/Kg	1	10/01/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	0.013	0.0013	mg/Kg	1	10/01/25	JLI	SW8260D
Methylacetate	ND	0.064	0.064	mg/Kg	1	10/01/25	JLI	SW8260D
Methylcyclohexane	ND	0.0064	0.0013	mg/Kg	1	10/01/25	JLI	SW8260D
Methylene chloride	ND	0.032	0.0064	mg/Kg	1	10/01/25	JLI	SW8260D
o-Xylene	ND	0.0064	0.0013	mg/Kg	1	10/01/25	JLI	SW8260D
Styrene	ND	0.0064	0.00064	mg/Kg	1	10/01/25	JLI	SW8260D
Tetrachloroethene	ND	0.0064	0.0013	mg/Kg	1	10/01/25	JLI	SW8260D
Toluene	ND	0.0064	0.00064	mg/Kg	1	10/01/25	JLI	SW8260D
Total Xylenes	ND	0.0064	0.0064	mg/Kg	1	10/01/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	0.0064	0.00064	mg/Kg	1	10/01/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	0.0064	0.00064	mg/Kg	1	10/01/25	JLI	SW8260D
Trichloroethene	ND	0.0064	0.00064	mg/Kg	1	10/01/25	JLI	SW8260D
Trichlorofluoromethane	ND	0.0064	0.0013	mg/Kg	1	10/01/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	0.0064	0.00064	mg/Kg	1	10/01/25	JLI	SW8260D
Vinyl chloride	ND	0.0064	0.00064	mg/Kg	1	10/01/25	JLI	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	94			%	1	10/01/25	JLI	70 - 130 %
% Bromofluorobenzene	90			%	1	10/01/25	JLI	70 - 130 %
% Dibromofluoromethane	103			%	1	10/01/25	JLI	70 - 130 %
% Toluene-d8	88			%	1	10/01/25	JLI	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	0.096	0.051	mg/Kg	1	10/01/25	JLI	SW8260D
Volatile Library Search	Completed					10/01/25	JLI	

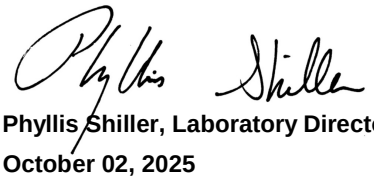
Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

October 02, 2025

Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

October 02, 2025

FOR: Attn:
York Analytical Laboratories
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	CG	09/25/25	12:30
Location Code:	YORK-VOC	Received by:	SR1	09/29/25	13:05
Rush Request:	5 Day	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCU36414
Phoenix ID: CU36416

Project ID: 25I1806
Client ID: DB-9

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	91			%		09/29/25	CV	SW846-%Solid
Volatiles (TCL)								
1,1,1-Trichloroethane	ND	0.0079	0.00079	mg/Kg	1	10/01/25	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	0.0079	0.0016	mg/Kg	1	10/01/25	JLI	SW8260D
1,1,2-Trichloroethane	ND	0.0079	0.0016	mg/Kg	1	10/01/25	JLI	SW8260D
1,1-Dichloroethane	ND	0.0079	0.0016	mg/Kg	1	10/01/25	JLI	SW8260D
1,1-Dichloroethene	ND	0.0079	0.00079	mg/Kg	1	10/01/25	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	0.0079	0.0016	mg/Kg	1	10/01/25	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	0.0079	0.0016	mg/Kg	1	10/01/25	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	0.0079	0.00079	mg/Kg	1	10/01/25	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.0079	0.0016	mg/Kg	1	10/01/25	JLI	SW8260D
1,2-Dibromoethane	ND	0.0079	0.00079	mg/Kg	1	10/01/25	JLI	SW8260D
1,2-Dichlorobenzene	ND	0.0079	0.00079	mg/Kg	1	10/01/25	JLI	SW8260D
1,2-Dichloroethane	ND	0.0079	0.00079	mg/Kg	1	10/01/25	JLI	SW8260D
1,2-Dichloropropane	ND	0.0079	0.0016	mg/Kg	1	10/01/25	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	0.0079	0.00079	mg/Kg	1	10/01/25	JLI	SW8260D
1,3-Dichlorobenzene	ND	0.0079	0.00079	mg/Kg	1	10/01/25	JLI	SW8260D
1,4-Dichlorobenzene	ND	0.0079	0.00079	mg/Kg	1	10/01/25	JLI	SW8260D
2-Hexanone	ND	0.039	0.0079	mg/Kg	1	10/01/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	0.039	0.0079	mg/Kg	1	10/01/25	JLI	SW8260D
Acetone	ND	0.079	0.0079	mg/Kg	1	10/01/25	JLI	SW8260D
Benzene	ND	0.0079	0.00079	mg/Kg	1	10/01/25	JLI	SW8260D
Bromochloromethane	ND	0.0079	0.00079	mg/Kg	1	10/01/25	JLI	SW8260D
Bromodichloromethane	ND	0.0079	0.0016	mg/Kg	1	10/01/25	JLI	SW8260D
Bromoform	ND	0.0079	0.0016	mg/Kg	1	10/01/25	JLI	SW8260D
Bromomethane	ND	0.0079	0.0031	mg/Kg	1	10/01/25	JLI	SW8260D
Carbon Disulfide	ND	0.0079	0.0016	mg/Kg	1	10/01/25	JLI	SW8260D

Project ID: 25I1806
Client ID: DB-9

Phoenix I.D.: CU36416

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Carbon tetrachloride	ND	0.0079	0.0016	mg/Kg	1	10/01/25	JLI	SW8260D
Chlorobenzene	ND	0.0079	0.00079	mg/Kg	1	10/01/25	JLI	SW8260D
Chloroethane	ND	0.0079	0.00079	mg/Kg	1	10/01/25	JLI	SW8260D
Chloroform	ND	0.0079	0.00079	mg/Kg	1	10/01/25	JLI	SW8260D
Chloromethane	ND	0.0079	0.0016	mg/Kg	1	10/01/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	0.0079	0.00079	mg/Kg	1	10/01/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	0.0079	0.00079	mg/Kg	1	10/01/25	JLI	SW8260D
Cyclohexane	ND	0.0079	0.0016	mg/Kg	1	10/01/25	JLI	SW8260D
Dibromochloromethane	ND	0.0079	0.0016	mg/Kg	1	10/01/25	JLI	SW8260D
Dichlorodifluoromethane	ND	0.0079	0.00079	mg/Kg	1	10/01/25	JLI	SW8260D
Ethylbenzene	ND	0.0079	0.00079	mg/Kg	1	10/01/25	JLI	SW8260D
Isopropylbenzene	ND	0.0079	0.00079	mg/Kg	1	10/01/25	JLI	SW8260D
m&p-Xylene	ND	0.0079	0.0016	mg/Kg	1	10/01/25	JLI	SW8260D
Methyl ethyl ketone	ND	0.047	0.0079	mg/Kg	1	10/01/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	0.016	0.0016	mg/Kg	1	10/01/25	JLI	SW8260D
Methylacetate	ND	0.079	0.079	mg/Kg	1	10/01/25	JLI	SW8260D
Methylcyclohexane	ND	0.0079	0.0016	mg/Kg	1	10/01/25	JLI	SW8260D
Methylene chloride	ND	0.039	0.0079	mg/Kg	1	10/01/25	JLI	SW8260D
o-Xylene	ND	0.0079	0.0016	mg/Kg	1	10/01/25	JLI	SW8260D
Styrene	ND	0.0079	0.00079	mg/Kg	1	10/01/25	JLI	SW8260D
Tetrachloroethene	ND	0.0079	0.0016	mg/Kg	1	10/01/25	JLI	SW8260D
Toluene	ND	0.0079	0.00079	mg/Kg	1	10/01/25	JLI	SW8260D
Total Xylenes	ND	0.0079	0.0079	mg/Kg	1	10/01/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	0.0079	0.00079	mg/Kg	1	10/01/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	0.0079	0.00079	mg/Kg	1	10/01/25	JLI	SW8260D
Trichloroethene	ND	0.0079	0.00079	mg/Kg	1	10/01/25	JLI	SW8260D
Trichlorofluoromethane	ND	0.0079	0.0016	mg/Kg	1	10/01/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	0.0079	0.00079	mg/Kg	1	10/01/25	JLI	SW8260D
Vinyl chloride	ND	0.0079	0.00079	mg/Kg	1	10/01/25	JLI	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	96			%	1	10/01/25	JLI	70 - 130 %
% Bromofluorobenzene	86			%	1	10/01/25	JLI	70 - 130 %
% Dibromofluoromethane	106			%	1	10/01/25	JLI	70 - 130 %
% Toluene-d8	86			%	1	10/01/25	JLI	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	0.12	0.063	mg/Kg	1	10/01/25	JLI	SW8260D
Volatile Library Search	Completed					10/01/25	JLI	

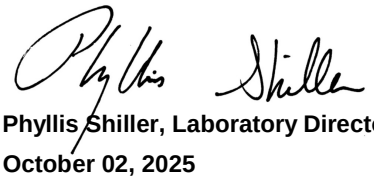
Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

October 02, 2025

Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

October 02, 2025

FOR: Attn:
York Analytical Laboratories
120 Research Drive
Stratford, CT 06615

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	CG	09/25/25	12:25
Location Code:	YORK-VOC	Received by:	SR1	09/29/25	13:05
Rush Request:	5 Day	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCU36414
Phoenix ID: CU36417

Project ID: 25I1806
Client ID: DB-10

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	93			%		09/29/25	CV	SW846-%Solid
Volatiles (TCL)								
1,1,1-Trichloroethane	ND	0.0067	0.00067	mg/Kg	1	10/01/25	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	0.0067	0.0013	mg/Kg	1	10/01/25	JLI	SW8260D
1,1,2-Trichloroethane	ND	0.0067	0.0013	mg/Kg	1	10/01/25	JLI	SW8260D
1,1-Dichloroethane	ND	0.0067	0.0013	mg/Kg	1	10/01/25	JLI	SW8260D
1,1-Dichloroethene	ND	0.0067	0.00067	mg/Kg	1	10/01/25	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	0.0067	0.0013	mg/Kg	1	10/01/25	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	0.0067	0.0013	mg/Kg	1	10/01/25	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	0.0067	0.00067	mg/Kg	1	10/01/25	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.0067	0.0013	mg/Kg	1	10/01/25	JLI	SW8260D
1,2-Dibromoethane	ND	0.0067	0.00067	mg/Kg	1	10/01/25	JLI	SW8260D
1,2-Dichlorobenzene	ND	0.0067	0.00067	mg/Kg	1	10/01/25	JLI	SW8260D
1,2-Dichloroethane	ND	0.0067	0.00067	mg/Kg	1	10/01/25	JLI	SW8260D
1,2-Dichloropropane	ND	0.0067	0.0013	mg/Kg	1	10/01/25	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	0.0067	0.00067	mg/Kg	1	10/01/25	JLI	SW8260D
1,3-Dichlorobenzene	ND	0.0067	0.00067	mg/Kg	1	10/01/25	JLI	SW8260D
1,4-Dichlorobenzene	ND	0.0067	0.00067	mg/Kg	1	10/01/25	JLI	SW8260D
2-Hexanone	ND	0.033	0.0067	mg/Kg	1	10/01/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	0.033	0.0067	mg/Kg	1	10/01/25	JLI	SW8260D
Acetone	0.036 JS	0.067	0.0067	mg/Kg	1	10/01/25	JLI	SW8260D
Benzene	ND	0.0067	0.00067	mg/Kg	1	10/01/25	JLI	SW8260D
Bromochloromethane	ND	0.0067	0.00067	mg/Kg	1	10/01/25	JLI	SW8260D
Bromodichloromethane	ND	0.0067	0.0013	mg/Kg	1	10/01/25	JLI	SW8260D
Bromoform	ND	0.0067	0.0013	mg/Kg	1	10/01/25	JLI	SW8260D
Bromomethane	ND	0.0067	0.0027	mg/Kg	1	10/01/25	JLI	SW8260D
Carbon Disulfide	ND	0.0067	0.0013	mg/Kg	1	10/01/25	JLI	SW8260D

Project ID: 25I1806
Client ID: DB-10

Phoenix I.D.: CU36417

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Carbon tetrachloride	ND	0.0067	0.0013	mg/Kg	1	10/01/25	JLI	SW8260D
Chlorobenzene	ND	0.0067	0.00067	mg/Kg	1	10/01/25	JLI	SW8260D
Chloroethane	ND	0.0067	0.00067	mg/Kg	1	10/01/25	JLI	SW8260D
Chloroform	ND	0.0067	0.00067	mg/Kg	1	10/01/25	JLI	SW8260D
Chloromethane	ND	0.0067	0.0013	mg/Kg	1	10/01/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	0.0067	0.00067	mg/Kg	1	10/01/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	0.0067	0.00067	mg/Kg	1	10/01/25	JLI	SW8260D
Cyclohexane	ND	0.0067	0.0013	mg/Kg	1	10/01/25	JLI	SW8260D
Dibromochloromethane	ND	0.0067	0.0013	mg/Kg	1	10/01/25	JLI	SW8260D
Dichlorodifluoromethane	ND	0.0067	0.00067	mg/Kg	1	10/01/25	JLI	SW8260D
Ethylbenzene	ND	0.0067	0.00067	mg/Kg	1	10/01/25	JLI	SW8260D
Isopropylbenzene	ND	0.0067	0.00067	mg/Kg	1	10/01/25	JLI	SW8260D
m&p-Xylene	ND	0.0067	0.0013	mg/Kg	1	10/01/25	JLI	SW8260D
Methyl ethyl ketone	ND	0.04	0.0067	mg/Kg	1	10/01/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	0.013	0.0013	mg/Kg	1	10/01/25	JLI	SW8260D
Methylacetate	ND	0.067	0.067	mg/Kg	1	10/01/25	JLI	SW8260D
Methylcyclohexane	ND	0.0067	0.0013	mg/Kg	1	10/01/25	JLI	SW8260D
Methylene chloride	ND	0.033	0.0067	mg/Kg	1	10/01/25	JLI	SW8260D
o-Xylene	ND	0.0067	0.0013	mg/Kg	1	10/01/25	JLI	SW8260D
Styrene	ND	0.0067	0.00067	mg/Kg	1	10/01/25	JLI	SW8260D
Tetrachloroethene	ND	0.0067	0.0013	mg/Kg	1	10/01/25	JLI	SW8260D
Toluene	ND	0.0067	0.00067	mg/Kg	1	10/01/25	JLI	SW8260D
Total Xylenes	ND	0.0067	0.0067	mg/Kg	1	10/01/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	0.0067	0.00067	mg/Kg	1	10/01/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	0.0067	0.00067	mg/Kg	1	10/01/25	JLI	SW8260D
Trichloroethene	ND	0.0067	0.00067	mg/Kg	1	10/01/25	JLI	SW8260D
Trichlorofluoromethane	ND	0.0067	0.0013	mg/Kg	1	10/01/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	0.0067	0.00067	mg/Kg	1	10/01/25	JLI	SW8260D
Vinyl chloride	ND	0.0067	0.00067	mg/Kg	1	10/01/25	JLI	SW8260D
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	96			%	1	10/01/25	JLI	70 - 130 %
% Bromofluorobenzene	87			%	1	10/01/25	JLI	70 - 130 %
% Dibromofluoromethane	105			%	1	10/01/25	JLI	70 - 130 %
% Toluene-d8	87			%	1	10/01/25	JLI	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	0.1	0.053	mg/Kg	1	10/01/25	JLI	SW8260D
Volatile Library Search	Completed					10/01/25	JLI	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

S - Laboratory solvent, contamination is possible.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
October 02, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: DB-7

Lab Name: Phoenix Environmental Labs Client: YORK-VOC

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU3641

Matrix:(soil/water) SOIL Lab Sample ID: CU36414

Sample wt/vol: 4.3 (g/mL) g Lab File ID: 0930_47.D

Level: (low/med) Low Date Received: 09/29/25

% Moisture: not dec. 11 Date Analyzed: 09/30/25

GC Column: RTX-VMS ID: 0.18mm Dilution Factor: 1

Purge Volume: 5000 (uL) Soil Aliquot Vol (uL): 5000

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the indentification criteria, but the results is less than the quantitation limit, but greater than zero.

N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: DB-8

Lab Name: Phoenix Environmental Labs Client: YORK-VOC

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU3641

Matrix:(soil/water) SOIL Lab Sample ID: CU36415

Sample wt/vol: 4.31 (g/mL) g Lab File ID: 0930_48.D

Level: (low/med) Low Date Received: 09/29/25

% Moisture: not dec. 9 Date Analyzed: 10/01/25

GC Column: RTX-VMS ID: 0.18mm Dilution Factor: 1

Purge Volume: 5000 (uL) Soil Aliquot Vol (uL): 5000

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the indentification criteria, but the results is less than the quantitation limit, but greater than zero.

N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: DB-9

Lab Name: Phoenix Environmental Labs Client: YORK-VOC

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU3641

Matrix:(soil/water) SOIL Lab Sample ID: CU36416

Sample wt/vol: 3.49 (g/mL) g Lab File ID: 0930_49.D

Level: (low/med) Low Date Received: 09/29/25

% Moisture: not dec. 9 Date Analyzed: 10/01/25

GC Column: RTX-VMS ID: 0.18mm Dilution Factor: 1

Purge Volume: 5000 (uL) Soil Aliquot Vol (uL): 5000

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the indentification criteria, but the results is less than the quantitation limit, but greater than zero.

N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID: DB-10

Lab Name: Phoenix Environmental Labs Client: YORK-VOC

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCU3641

Matrix:(soil/water) SOIL Lab Sample ID: CU36417

Sample wt/vol: 4.03 (g/mL) g Lab File ID: 0930_50.D

Level: (low/med) Low Date Received: 09/29/25

% Moisture: not dec. 7 Date Analyzed: 10/01/25

GC Column: RTX-VMS ID: 0.18mm Dilution Factor: 1

Purge Volume: 5000 (uL) Soil Aliquot Vol (uL): 5000

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

J - Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the indentification criteria, but the results is less than the quantitation limit, but greater than zero.

N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

QA/QC Report

October 02, 2025

QA/QC Data

SDG I.D.: GCU36414

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 806064 (mg/Kg), QC Sample No: CU37542 (CU36414, CU36415, CU36416, CU36417)											
Volatiles - Soil (Low Level)											
1,1,1-Trichloroethane	ND	0.005	115	110	4.4	110	113	2.7	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	0.003	92	94	2.2	105	101	3.9	70 - 130	30	
1,1,2-Trichloroethane	ND	0.005	101	102	1.0	96	99	3.1	70 - 130	30	
1,1-Dichloroethane	ND	0.005	96	92	4.3	93	93	0.0	70 - 130	30	
1,1-Dichloroethene	ND	0.005	123	118	4.1	113	114	0.9	70 - 130	30	
1,2,3-Trichlorobenzene	ND	0.005	109	111	1.8	64	60	6.5	70 - 130	30	m
1,2,4-Trichlorobenzene	ND	0.005	107	108	0.9	71	68	4.3	70 - 130	30	m
1,2,4-Trimethylbenzene	ND	0.001	103	103	0.0	103	97	6.0	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	0.005	114	113	0.9	108	108	0.0	70 - 130	30	
1,2-Dibromoethane	ND	0.005	104	104	0.0	101	98	3.0	70 - 130	30	
1,2-Dichlorobenzene	ND	0.005	104	104	0.0	98	93	5.2	70 - 130	30	
1,2-Dichloroethane	ND	0.005	115	119	3.4	114	111	2.7	70 - 130	30	
1,2-Dichloropropane	ND	0.005	91	92	1.1	89	87	2.3	70 - 130	30	
1,3,5-Trimethylbenzene	ND	0.001	104	106	1.9	111	105	5.6	70 - 130	30	
1,3-Dichlorobenzene	ND	0.005	101	103	2.0	99	96	3.1	70 - 130	30	
1,4-Dichlorobenzene	ND	0.005	104	108	3.8	102	96	6.1	70 - 130	30	
1,4-dioxane	ND	0.1	90	87	3.4	92	88	4.4	70 - 130	30	
2-Hexanone	ND	0.025	82	83	1.2	70	67	4.4	70 - 130	30	m
4-Methyl-2-pentanone	ND	0.025	89	94	5.5	83	83	0.0	70 - 130	30	
Acetone	ND	0.01	86	84	2.4	72	70	2.8	70 - 130	30	
Benzene	ND	0.001	95	96	1.0	92	91	1.1	70 - 130	30	
Bromochloromethane	ND	0.005	107	99	7.8	98	99	1.0	70 - 130	30	
Bromodichloromethane	ND	0.005	114	116	1.7	108	106	1.9	70 - 130	30	
Bromoform	ND	0.005	113	114	0.9	101	101	0.0	70 - 130	30	
Bromomethane	ND	0.005	124	119	4.1	112	106	5.5	70 - 130	30	
Carbon Disulfide	ND	0.005	122	117	4.2	104	105	1.0	70 - 130	30	
Carbon tetrachloride	ND	0.005	119	113	5.2	105	109	3.7	70 - 130	30	
Chlorobenzene	ND	0.005	102	101	1.0	98	96	2.1	70 - 130	30	
Chloroethane	ND	0.005	123	117	5.0	114	114	0.0	70 - 130	30	
Chloroform	ND	0.005	103	101	2.0	100	101	1.0	70 - 130	30	
Chloromethane	ND	0.005	97	90	7.5	82	83	1.2	70 - 130	30	
cis-1,2-Dichloroethene	ND	0.005	104	97	7.0	95	96	1.0	70 - 130	30	
cis-1,3-Dichloropropene	ND	0.005	108	108	0.0	96	95	1.0	70 - 130	30	
Cyclohexane	ND	0.005	89	85	4.6	82	82	0.0	70 - 130	30	
Dibromochloromethane	ND	0.003	111	115	3.5	106	108	1.9	70 - 130	30	
Dichlorodifluoromethane	ND	0.005	136	129	5.3	109	113	3.6	70 - 130	30	l
Ethylbenzene	ND	0.001	100	101	1.0	100	99	1.0	70 - 130	30	
Isopropylbenzene	ND	0.001	100	99	1.0	115	110	4.4	70 - 130	30	
m&p-Xylene	ND	0.002	97	97	0.0	93	89	4.4	70 - 130	30	
Methyl ethyl ketone	ND	0.005	79	75	5.2	69	70	1.4	70 - 130	30	m
Methyl t-butyl ether (MTBE)	ND	0.001	93	95	2.1	99	99	0.0	70 - 130	30	

QA/QC Data

SDG I.D.: GCU36414

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Methylacetate	ND	0.005	83	76	8.8	90	85	5.7	70 - 130	30	
Methylcyclohexane	ND	0.005	97	96	1.0	86	82	4.8	70 - 130	30	
Methylene chloride	ND	0.005	111	104	6.5	101	103	2.0	70 - 130	30	
o-Xylene	ND	0.002	96	98	2.1	91	92	1.1	70 - 130	30	
Styrene	ND	0.005	100	100	0.0	88	84	4.7	70 - 130	30	
Tetrachloroethene	ND	0.005	108	112	3.6	103	97	6.0	70 - 130	30	
Toluene	ND	0.001	101	104	2.9	97	96	1.0	70 - 130	30	
trans-1,2-Dichloroethene	ND	0.005	96	90	6.5	85	88	3.5	70 - 130	30	
trans-1,3-Dichloropropene	ND	0.005	115	118	2.6	103	99	4.0	70 - 130	30	
Trichloroethene	ND	0.005	108	110	1.8	103	102	1.0	70 - 130	30	
Trichlorofluoromethane	ND	0.005	132	124	6.3	119	123	3.3	70 - 130	30	I
Trichlorotrifluoroethane	ND	0.005	136	131	3.7	131	129	1.5	70 - 130	30	I,m
Vinyl chloride	ND	0.005	110	105	4.7	95	98	3.1	70 - 130	30	
% 1,2-dichlorobenzene-d4	97	%	103	106	2.9	103	105	1.9	70 - 130	30	
% Bromofluorobenzene	102	%	99	101	2.0	94	93	1.1	70 - 130	30	
% Dibromofluoromethane	104	%	98	99	1.0	104	105	1.0	70 - 130	30	
% Toluene-d8	88	%	100	101	1.0	98	99	1.0	70 - 130	30	

I = This parameter is outside laboratory LCS/LCSD specified recovery limits.
m = This parameter is outside laboratory MS/MSD specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference
(ISO) - Isotope Dilution

Phyllis Shiller, Laboratory Director
October 02, 2025

Thursday, October 02, 2025

Criteria: None

State: NY

Sample Criteria Exceedances Report

GCU36414 - YORK-VOC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Temperature Narration

October 02, 2025

SDG I.D.: GCU36414

The samples in this delivery group were received at 6.0°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

6.0°C
WUP

YORK
Analytical Laboratories, Inc.

9/26/2025

SUBCONTRACT Notification, Purchase Order and Chain-of-Custody

York Project No.: 25I1806

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

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

SENDING LABORATORY:

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

RECEIVING LABORATORY:

Phoenix Environmental Laboratories, Inc. S
587 East Middle Turnpike P.O. Box 370
Manchester, CT 06045
Phone :(860) 645-1102
Fax: (860) 645-0823

Sample ID: DB-7 36414 **York Ref: 25I1806-01**

Matrix: Soil **Date Sampled :** 09/25/2025 12:45

Analysis Needed	Date Due	Holding Time Expires	Comments
VOA, 8260 MASTER	10/06/2025 19:00	10/09/2025 12:45	Volatiles, 8260 NYSDEC Part 375

Containers Supplied:

01_40mL 01_Clear Vial Cool to 4° C (A) 03_40mL Vial with Stir Bar-Cool 4° C (B) 03_40mL Vial with Stir Bar-Cool 4° C (C)
02_40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C (

Sample ID: DB-8 36415 **York Ref: 25I1806-02**

Matrix: Soil **Date Sampled :** 09/25/2025 12:40

Analysis Needed	Date Due	Holding Time Expires	Comments
VOA, 8260 MASTER	10/06/2025 19:00	10/09/2025 12:40	Volatiles, 8260 NYSDEC Part 375

Containers Supplied:

01_40mL 01_Clear Vial Cool to 4° C (A) 03_40mL Vial with Stir Bar-Cool 4° C (B) 03_40mL Vial with Stir Bar-Cool 4° C (C)
02_40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C (

York Purchase Order No.: **25I1806**

Samples from State of: **NY**
Collected by: Connor Grosso

Deliverables required: **NY ASP B Package**

EDDs required:

Data Pkg DUE:

Special Info:

Reporting level: **MDL/LOD**

Chain-of-Custody Information

Victor C. DeJesus	9/26/2025	Chris C 9.29.25	6:00 pm
Released By York Sample Control	Date	Received By	Date
Chris C 9.29.25		Emily S	9/29/25 1305
~~Received~~ By	Date	Received in Subcontract Lab By	Date
RL.			

6.0°C WIP

YORK
Analytical Laboratories, Inc.

9/26/2025

SUBCONTRACT Notification, Purchase Order and Chain-of-Custody

York Project No.: 25I1806

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

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

Sample ID: DB-9 36416 **York Ref: 25I1806-03**

Matrix: Soil **Date Sampled :** 09/25/2025 12:30

Analysis Needed	Date Due	Holding Time Expires	Comments
VOA, 8260 MASTER	10/06/2025 19:00	10/09/2025 12:30	Volatiles, 8260 NYSDEC Part 375

Containers Supplied:

01_40mL 01_Clear Vial Cool to 4° C (A) 03_40mL Vial with Stir Bar-Cool 4° C (B) 03_40mL Vial with Stir Bar-Cool 4° C (C)

02_40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C (

Sample ID: DB-10 36417 **York Ref: 25I1806-04**

Matrix: Soil **Date Sampled :** 09/25/2025 12:25

Analysis Needed	Date Due	Holding Time Expires	Comments
VOA, 8260 MASTER	10/06/2025 19:00	10/09/2025 12:25	Volatiles, 8260 NYSDEC Part 375

Containers Supplied:

01_40mL 01_Clear Vial Cool to 4° C (A) 03_40mL Vial with Stir Bar-Cool 4° C (B) 03_40mL Vial with Stir Bar-Cool 4° C (C)

02_40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C (

York Purchase Order No.: 25I1806

Samples from State of: **NY**
Collected by: Connor Grosso

Deliverables required: NY ASP B Package

EDDs required:

Data Pkg DUE:

Special Info:

Reporting level: MDL/LOD

Chain-of-Custody Information

Victor C. DeJesus	9/26/2025	Chris C 9.29.25	6:00 pm
Released By York Sample Control	Date	Received By	Date
Chris C 9.29.25		Emily S	9/29/25 1305
~~Received By~~	Date	Received in Subcontract Lab By	Date

YORK
Analytical Laboratories, Inc.

6.0 °C
WC IP 9/29/2025

SUBCONTRACT Notification, Purchase Order and Chain-of-Custody

York Project No.: 25I1806

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

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

SENDING LABORATORY:

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

RECEIVING LABORATORY:

Phoenix Environmental Laboratories, Inc. S
587 East Middle Turnpike P.O. Box 370
Manchester, CT 06045
Phone :(860) 645-1102
Fax: (860) 645-0823

Sample ID: DB-7 36414 **York Ref: 25I1806-01**

Matrix: Soil **Date Sampled :** 09/25/2025 12:45

Analysis Needed	Date Due	Holding Time Expires	Comments
Volatile Organics, Tentatively Identifie	10/06/2025 19:00	10/09/2025 12:45	Volatiles, 8260 NYSDEC Part 375
VOA, 8260 MASTER	10/06/2025 19:00	10/09/2025 12:45	Volatiles, 8260 NYSDEC Part 375

Containers Supplied:

01_40mL 01_Clear Vial Cool to 4° C (A) 03_40mL Vial with Stir Bar-Cool 4° C (B) 03_40mL Vial with Stir Bar-Cool 4° C (C)
02_40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C (

Sample ID: DB-8 36415 **York Ref: 25I1806-02**

Matrix: Soil **Date Sampled :** 09/25/2025 12:40

Analysis Needed	Date Due	Holding Time Expires	Comments
Volatile Organics, Tentatively Identifie	10/06/2025 19:00	10/09/2025 12:40	Volatiles, 8260 NYSDEC Part 375
VOA, 8260 MASTER	10/06/2025 19:00	10/09/2025 12:40	Volatiles, 8260 NYSDEC Part 375

Containers Supplied:

01_40mL 01_Clear Vial Cool to 4° C (A) 03_40mL Vial with Stir Bar-Cool 4° C (B) 03_40mL Vial with Stir Bar-Cool 4° C (C)
02_40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C (

Revised COC. SR

York Purchase Order No.: 25I1806

Samples from State of: **NY**
Collected by: Connor Grosso

Deliverables required: NY ASP B Package

EDDs required: EQUIS 5

Data Pkg DUE:
Special Info:
Reporting level: MDL/LOD

Chain-of-Custody Information

Released By York Sample Control	Date	Received By	Date
Victor C. DeJesus	9/29/2025		
Received By	Date	Received in Subcontract Lab By	Date
Client			9/29/25 1305

6.0°C
WC ID

YORK
Analytical Laboratories, Inc.

9/29/2025

SUBCONTRACT Notification, Purchase Order and Chain-of-Custody

York Project No.: 25I1806

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

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

Sample ID: DB-9 36416 **York Ref: 25I1806-03**

Matrix: Soil **Date Sampled : 09/25/2025 12:30**

Analysis Needed	Date Due	Holding Time Expires	Comments
Volatile Organics, Tentatively Identifie	10/06/2025 19:00	10/09/2025 12:30	Volatiles, 8260 NYSDEC Part 375
VOA, 8260 MASTER	10/06/2025 19:00	10/09/2025 12:30	Volatiles, 8260 NYSDEC Part 375

Containers Supplied:

01_40mL 01_Clear Vial Cool to 4° C (A) 03_40mL Vial with Stir Bar-Cool 4° C (B) 03_40mL Vial with Stir Bar-Cool 4° C (C)

02_40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C (

Sample ID: DB-10 36417 **York Ref: 25I1806-04**

Matrix: Soil **Date Sampled : 09/25/2025 12:25**

Analysis Needed	Date Due	Holding Time Expires	Comments
Volatile Organics, Tentatively Identifie	10/06/2025 19:00	10/09/2025 12:25	Volatiles, 8260 NYSDEC Part 375
VOA, 8260 MASTER	10/06/2025 19:00	10/09/2025 12:25	Volatiles, 8260 NYSDEC Part 375

Containers Supplied:

01_40mL 01_Clear Vial Cool to 4° C (A) 03_40mL Vial with Stir Bar-Cool 4° C (B) 03_40mL Vial with Stir Bar-Cool 4° C (C)

02_40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C (

York Purchase Order No.: 25I1806

Deliverables required: NY ASP B Package

EDDs required: EQUIS 5

Samples from State of: NY
Collected by: Connor Grosso

Data Pkg DUE:

Special Info:

Reporting level: MDL/LOD

Chain-of-Custody Information

Victor C. DeJesus 9/29/2025

Released By York Sample Control	Date	Received By	Date
Client			9/29/25 1305
Received By	Date	Received in Subcontract Lab By	Date

YORK
Analytical Laboratories, Inc.

9/29/2025

SUBCONTRACT Notification, Purchase Order and Chain-of-Custody

York Project No.: 25I1806

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

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

SENDING LABORATORY:

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

RECEIVING LABORATORY:

Phoenix Environmental Laboratories, Inc. S
587 East Middle Turnpike P.O. Box 370
Manchester, CT 06045
Phone :(860) 645-1102
Fax: (860) 645-0823

Sample ID: DB-7 **York Ref: 25I1806-01**

Matrix: Soil **Date Sampled :** 09/25/2025 12:45

Analysis Needed	Date Due	Holding Time Expires	Comments
Volatile Organics, Tentatively Identifie	**10/06/2025 19:00**	**10/09/2025 12:45**	**Volatiles, 8260 NYSDEC Part 375**
VOA, 8260 MASTER	**10/06/2025 19:00**	**10/09/2025 12:45**	**Volatiles, 8260 NYSDEC Part 375**

Containers Supplied:

01_40mL 01_Clear Vial Cool to 4° C (A) 03_40mL Vial with Stir Bar-Cool 4° C (B) 03_40mL Vial with Stir Bar-Cool 4° C (C)
02_40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C (

Sample ID: DB-8 **York Ref: 25I1806-02**

Matrix: Soil **Date Sampled :** 09/25/2025 12:40

Analysis Needed	Date Due	Holding Time Expires	Comments
Volatile Organics, Tentatively Identifie	**10/06/2025 19:00**	**10/09/2025 12:40**	**Volatiles, 8260 NYSDEC Part 375**
VOA, 8260 MASTER	**10/06/2025 19:00**	**10/09/2025 12:40**	**Volatiles, 8260 NYSDEC Part 375**

Containers Supplied:

01_40mL 01_Clear Vial Cool to 4° C (A) 03_40mL Vial with Stir Bar-Cool 4° C (B) 03_40mL Vial with Stir Bar-Cool 4° C (C)
02_40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C (

York Purchase Order No.: **25I1806**

Samples from State of: **NY**
Collected by: Connor Grosso

Deliverables required: **NY ASP B Package**

EDDs required: **EQUIS 5**

Data Pkg DUE:

Special Info:

Reporting level: **MDL/LOD**

Chain-of-Custody Information

Victor C. DeJesus 9/29/2025

Released By York Sample Control	Date	Received By	Date
Received By	Date	Received in Subcontract Lab By	Date

YORK
Analytical Laboratories, Inc.

9/29/2025

SUBCONTRACT Notification, Purchase Order and Chain-of-Custody

York Project No.: 25I1806

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

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

Sample ID: DB-9 **York Ref: 25I1806-03**

Matrix: Soil **Date Sampled : 09/25/2025 12:30**

Analysis Needed	Date Due	Holding Time Expires	Comments
Volatile Organics, Tentatively Identifie(	**10/06/2025 19:00**	**10/09/2025 12:30**	**Volatiles, 8260 NYSDEC Part 375**
VOA, 8260 MASTER	**10/06/2025 19:00**	**10/09/2025 12:30**	**Volatiles, 8260 NYSDEC Part 375**

Containers Supplied:

01_40mL 01_Clear Vial Cool to 4° C (A) 03_40mL Vial with Stir Bar-Cool 4° C (B) 03_40mL Vial with Stir Bar-Cool 4° C (C)

02_40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C (

Sample ID: DB-10 **York Ref: 25I1806-04**

Matrix: Soil **Date Sampled : 09/25/2025 12:25**

Analysis Needed	Date Due	Holding Time Expires	Comments
Volatile Organics, Tentatively Identifie(	**10/06/2025 19:00**	**10/09/2025 12:25**	**Volatiles, 8260 NYSDEC Part 375**
VOA, 8260 MASTER	**10/06/2025 19:00**	**10/09/2025 12:25**	**Volatiles, 8260 NYSDEC Part 375**

Containers Supplied:

01_40mL 01_Clear Vial Cool to 4° C (A) 03_40mL Vial with Stir Bar-Cool 4° C (B) 03_40mL Vial with Stir Bar-Cool 4° C (C)

02_40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C (

York Purchase Order No.: 25I1806

Samples from State of: **NY**
Collected by: Connor Grosso

Deliverables required: NY ASP B Package

EDDs required: EQUIS 5

Data Pkg DUE:

Special Info:

Reporting level: MDL/LOD

Chain-of-Custody Information

Victor C. DeJesus 9/29/2025

Released By York Sample Control	Date	Received By	Date
Received By	Date	Received in Subcontract Lab By	Date

Sarah Bell

From: Rachel Driesen <Rachel.Driesen@ALSGlobal.com>
Sent: Monday, September 29, 2025 4:47 PM
To: Sarah Bell
Cc: Shannon Wilhelm
Subject: Revised SubCOC- GCU36414/ 25I1806
Attachments: SUBCOC_25I1806_VOC to Phoenix (REV1).pdf

Hi Sarah and Shannon,

Apologies for the late email, has been a very hectic Monday! Please see the attached subCOC for **GCU36414** (25I1806) which was received by you today, I have revised the subCOC to include VOC TICS. Thank you!

Rachel Driesen
Project Manager Associate
USA Environmental

O: +1 203 325 1371 ext 868
rachel.driesen@alsglobal.com
120 Research Drive
Stratford, CT 06615

alsglobal.com/usaenviro

2

APPENDIX I

Soil Disposal Facility Approval Letters

Posillico Materials Approval Form
Approval No.: 25276C

Application Item 1 - Generator/Project Information
Best Equities, LLC – Nassau Metals OU-2
158 Page Avenue, Staten Island, New York 10307
The Nassau Metals OU-2 site enrolled in the NYSDEC Voluntary Cleanup Program (VCP), ID # V00159

Application Item 2 - Client Information/Import Volume Approval for:
Laurel Environmental Geosciences, DPC
53 West Hills 31 Garden Lane, Lawrence, New York 11559

Reviewed Data/Information
This approval is based upon the information provided on the applications, the data provided in the following documents submitted with the application, and the additional data provided by the client.

Laboratory Report(s):
- York Project (SDG) No.: 25G1391 (07/30/2025)
- York Project (SDG) No.: 25G0474 (07/16/2025)
- York Project (SDG) No.: 24J1510 (10/30/2024)

Sample ID(s):
- Stockpile_Composite, Stockpile_Grab
- DB-1, DB-2, DB-3, DB-4, DB-5, DB-6
- SB-1_6 in_Top Soil, SB-4_2 in_Mulch, Paige Avenue Composite Top Soil, Paige Avenue Composite Mulch, SB-5_0 in-12 in, SB-6_0 in-12 in, SB-7_0 in-12 in, Richmond Composite Mulch, Richmond Composite Top Soil, SB-14_4 in_Top Soil, SB-17_2 in_Mulch, SB-18_4 in-5.5 ft, SB-21_6 in-5.5 ft, SB-23_4 in-6 ft, SB-19_2 in-16 in, SB-15_3 ft

Sampling/Drawing Plan(s):
- Advanced Site Restoration Site Sketch with Sampling Locations Figure 2.0 – 158 Page Avenue, Nassau Metals OU-2, Staten Island, NY
- Advanced Site Restoration Site Sketch with Sampling Locations Figure 4.0 – 158 Page Avenue, Nassau Metals OU-2, Staten Island, NY

Additional Information:
- Advanced Site Restoration Draft Corrective Actions Subsurface Investigation Report for Nassau Metals OU-2 NYSDEC VCP Sit # V00159

Data and Information Summary:
Advanced Site Restoration (ASR)is proposing to export 60 cubic yards of material from 158 Page Avenue, Staten Island, New York (herein referred to as the “Site”) to Posillico Materials NYSDEC 360 Permitted Wash Plant Facility in Farmingdale, Permit No. 1-4720-00695 (herein referred to as the “Wash Plant”). The Site is also known as Nassau Metals OU-2 and is enrolled in the NYSDEC Voluntary Cleanup Program (VCP), ID # V00159. The Wash Plant can accept soils meeting the: NYSDEC Part 360.13 Fill Type 2 (F2) Requirements, identified as “Clean”; soils failing NYSDEC Part 360.13 F2 Requirements, identified as “Contaminated”; and Recognizable Uncontaminated Concrete, Asphalt, Rock, Brick and Soil (RUCARBS). According to the ASR Draft Corrective Actions Subsurface Investigation Report, soil and mulch were imported to the Site that was not in compliance with the Site Management Plan (SMP) and Excavation Work Plan (EWP). The soil proposed for the Wash Plant will be the soil and mulch that was not in compliance with the SMP and EWP.

Previous Investigation Findings/Conclusions:
In October 2024, ASR collected samples from areas that were finished with soil and mulch that did not meet the SMP and EWP. A total of sixteen samples were collected. Samples were identified as SB-1_6 in_Top Soil, SB-4_2 in_Mulch, Paige Avenue Composite Top Soil, Paige Avenue Composite Mulch, SB-5_0 in-12 in, SB-6_0 in-12 in, SB-7_0 in-12 in, Richmond Composite Mulch, Richmond Composite Top Soil, SB-14_4 in_Top Soil, SB-17_2 in_Mulch, SB-18_4 in-5.5 ft, SB-21_6 in-5.5 ft, SB-23_4 in-6 ft, SB-19_2 in-16 in, and SB-15_3 ft and sent to York Analytical Laboratories for analysis.

According to the analytical results, all samples were detected with metals exceedances. PCBs were detected in exceedance above Part 360 F2 requirements, but in only one sample, SB-7_0 in-12 in.

In July 2025, ASR collected additional samples from the areas that were previously characterized, but closer to the building. A total of six samples were collected. Samples were designated as DB-1, DB-2, DB-3, DB-4, DB-5, and DB-6 and sent to York Analytical Laboratories for analysis.

According to the analytical results, four out of the six additional samples were detected with copper above Part 360 F2 requirements.

Waste Characterization:
According to ASR, soil and mulch from sample locations SB-1, SB-2, SB-3, SB-4, SB-8, and SB-9 samples, and the later DB-1, DB-2, DB-3, DB-4, DB-5, and DB-6 were comingled and stockpiled. Soil represented by samples SB-5_0 in-12 in, SB-6_0 in-12 in, and SB-7_0 in-12 were determined to be hazardous and not comingled into the proposed stockpile. The stockpile was then subsequently characterized for disposal. One waste characterization sample was collected and sent to York Analytical Laboratories to be analyzed for Volatile Organic Compounds (VOCs), Semi-volatile Organic Compounds (SVOCs), PCBs, Pesticides, Herbicides, Metals, Cyanide, Hexavalent and Trivalent Chromium, TCLP Lead, and NJ Extractable Petroleum Hydrocarbons. The waste characterization sample was comprised of one grab and one composite and designated as Stockpile_Composite and Stockpile_Grab.

Based on the analytical results reported in York Analytical Laboratories report 25G1391, soil samples did not meet NYSDEC Part 360.13 F2 Requirements, but determined to be non-hazardous.

Contaminated Soil Bin:
Based on the above referenced data, up to **60 cubic yards or 90 tons** of the proposed soil and mulch is approved for the Contaminated Soil Bin at Posillico Materials Wash Plant in Farmingdale. Soils commensurate with Composite and Grab samples listed above representing the material in waste characterization samples Stockpile_Composite and Stockpile_Grab. The material is approved only for the areas and depths listed above. No other material is to come to the Wash Plant.

Additional Requirements:
- Posillico Materials reserves the right to perform QA/QC sampling during the import of this material.
- All soil must use the NYSDEC Part 360 tracking form.
- All F1, F2, and F3 Fill must be shipped in a truck with a valid Part 364 Registration. Contaminated Soil must be shipped in a truck with a valid Part 364 Permit.
- If any deleterious material (asbestos, wood, plastic, organics and general garbage) is encountered or identified, the load will be rejected at the gate or a surcharge will be applied.
- If standing liquid is encountered or identified in the truck, the load will be rejected at the gate or a surcharge will be applied.

- If the material is from a USEPA and/or NYSDEC Regulated Program Site, as per Part 361-5.4 (d), an approval letter must be included with the application indicating the material is acceptable for the facility.

The applicant warrants that the material proposed for shipment is in fact, the same material which was tested and is represented by the sample results provided with this application. All deliveries **must** be scheduled in advance all material will be weighed on scales.

Please contact me if you have any questions.

Albert Kim
Environmental Soil Manager

Date: 08/26/2025

Posillico Materials Approval Form
Approval No.: 25276C
Addendum 01

Application Item 1 - Generator/Project Information
Best Equities, LLC – Nassau Metals OU-2
158 Page Avenue, Staten Island, New York 10307
The Nassau Metals OU-2 site enrolled in the NYSDEC Voluntary Cleanup Program (VCP), ID # V00159

Application Item 2 - Client Information/Import Volume Approval for:
Laurel Environmental Geosciences, DPC
53 West Hills 31 Garden Lane, Lawrence, New York 11559

Reviewed Data/Information
This approval is based upon the information provided on the applications, the data provided in the following documents submitted with the application, and the additional data provided by the client.

Laboratory Report(s):
- *York Project (SDG) No.: 25G1391 (07/30/2025)*
- *York Project (SDG) No.: 25G0474 (07/16/2025)*
- *York Project (SDG) No.: 24J1510 (10/30/2024)*

Sample ID(s):
- *Stockpile_Composite, Stockpile_Grab*
- *DB-1, DB-2, DB-3, DB-4, DB-5, DB-6*
- *SB-1_6 in_Top Soil, SB-4_2 in_Mulch, Paige Avenue Composite Top Soil, Paige Avenue Composite Mulch, SB-5_0 in-12 in, SB-6_0 in-12 in, SB-7_0 in-12 in, Richmond Composite Mulch, Richmond Composite Top Soil, SB-14_4 in_Top Soil, SB-17_2 in_Mulch, SB-18_4 in-5.5 ft, SB-21_6 in-5.5 ft, SB-23_4 in-6 ft, SB-19_2 in-16 in, SB-15_3 ft*

Sampling/Drawing Plan(s):
- *Advanced Site Restoration Site Sketch with Sampling Locations Figure 2.0 – 158 Page Avenue, Nassau Metals OU-2, Staten Island, NY*
- *Advanced Site Restoration Site Sketch with Sampling Locations Figure 4.0 – 158 Page Avenue, Nassau Metals OU-2, Staten Island, NY*

Additional Information:
- *Advanced Site Restoration Draft Corrective Actions Subsurface Investigation Report for Nassau Metals OU-2 NYSDEC VCP Sit # V00159*

Addendum 01
Laboratory Report(s):
- York Project (SDG) No.: 25I1806 (10/06/2025)
- York Project (SDG) No.: 25K0083 (11/06/2025)

Sample ID(s):
- DB-7, DB-8, DB-9, DB-10
- Comp_01

Sampling/Drawing Plan(s):
- Advanced Site Restoration Site Sketch with Sampling Locations Figure 2.0 – 158 Page Avenue, Nassau Metals OU-2, Staten Island, NY

Data and Information Summary:
Advanced Site Restoration (ASR) / Laurel Environmental Geosciences, DPC (Laurel) is proposing to export 60 cubic yards of material from 158 Page Avenue, Staten Island, New York (herein referred to as the "Site") to Posillico Materials NYSDEC 360 Permitted Wash Plant Facility in Farmingdale, Permit No. 1-4720-00695 (herein referred to as the "Wash Plant"). The Site is also known as Nassau Metals OU-2 and is enrolled in the NYSDEC Voluntary Cleanup Program (VCP), ID # V00159. The Wash Plant can accept soils meeting the: NYSDEC Part 360.13 Fill Type 2 (F2) Requirements, identified as "Clean"; soils failing NYSDEC Part 360.13 F2 Requirements, identified as "Contaminated"; and Recognizable Uncontaminated Concrete, Asphalt, Rock, Brick and Soil (RUCARBS). According to the ASR Draft Corrective Actions Subsurface Investigation Report, soil and mulch were imported to the Site that was not in compliance with the Site Management Plan (SMP) and Excavation Work Plan (EWP). The soil proposed for the Wash Plant will be the soil and mulch that was not in compliance with the SMP and EWP.

Previous Investigation Findings/Conclusions:
In October 2024, ASR collected samples from areas that were finished with soil and mulch that did not meet the SMP and EWP. A total of sixteen samples were collected. Samples were identified as SB-1_6 in_Top Soil, SB-4_2 in_Mulch, Paige Avenue Composite Top Soil, Paige Avenue Composite Mulch, SB-5_0 in-12 in, SB-6_0 in-12 in, SB-7_0 in-12 in, Richmond Composite Mulch, Richmond Composite Top Soil, SB-14_4 in_Top Soil, SB-17_2 in_Mulch, SB-18_4 in-5.5 ft, SB-21_6 in-5.5 ft, SB-23_4 in-6 ft, SB-19_2 in-16 in, and SB-15_3 ft and sent to York Analytical Laboratories for analysis.

According to the analytical results, all samples were detected with metals exceedances. PCBs were detected in exceedance above Part 360 F2 requirements, but in only one sample, SB-7_0 in-12 in.

In July 2025, ASR collected additional samples from the areas that were previously characterized, but closer to the building. A total of six samples were collected. Samples were designated as DB-1, DB-2, DB-3, DB-4, DB-5, and DB-6 and sent to York Analytical Laboratories for analysis.

According to the analytical results, four out of the six additional samples were detected with copper above Part 360 F2 requirements.

Waste Characterization:
According to ASR / Laurel, soil and mulch from sample locations SB-1, SB-2, SB-3, SB-4, SB-8, and SB-9 samples, and the later DB-1, DB-2, DB-3, DB-4, DB-5, and DB-6 were comingled and stockpiled. Soil represented by samples SB-5_0 in-12 in, SB-6_0 in-12 in, and SB-7_0 in-12 were determined to be hazardous and not comingled into the proposed stockpile. The stockpile was then subsequently characterized for disposal. One waste characterization sample was collected and sent to York Analytical Laboratories to be analyzed for Volatile Organic Compounds (VOCs), Semi-volatile Organic Compounds (SVOCs), PCBs, Pesticides, Herbicides, Metals, Cyanide, Hexavalent and Trivalent Chromium, TCLP Lead, and NJ Extractable Petroleum Hydrocarbons. The waste characterization sample was comprised of one grab and one composite and designated as Stockpile_Composite and Stockpile_Grab.

Based on the analytical results reported in York Analytical Laboratories report 25G1391, soil samples did not meet NYSDEC Part 360.13 F2 Requirements, but determined to be non-hazardous.

Contaminated Soil Bin:

Posillico Materials Approval Form
Approval No.: 25276C
Addendum 01

*Based on the above referenced data, up to **60 cubic yards or 90 tons** of the proposed soil and mulch is approved for the Contaminated Soil Bin at Posillico Materials Wash Plant in Farmingdale. Soils commensurate with Composite and Grab samples listed above representing the material in waste characterization samples Stockpile_Composite and Stockpile_Grab. The material is approved only for the areas and depths listed above. No other material is to come to the Wash Plant.*

Addendum 01:
On October 7, 2025, ASR / Laurel requested an additional 40 cubic yards of soil be considered for the Wash Plant. An additional four waste characterization samples were collected from four areas. The waste characterization samples were designated as DB-7, DB-8, DB-9, and DB-10 and sent to York Analytical Laboratories to be analyzed for Volatile Organic Compounds (VOCs), Semi-volatile Organic Compounds (SVOCs), PCBs, Pesticides, Herbicides, Metals, Cyanide, Hexavalent and Trivalent Chromium, and NJ Extractable Petroleum Hydrocarbons. An additional sample, designated as Comp_01 was collected for TCLP Lead analysis.

According to the analytical results, DB-7 and DB-9 were detected with Copper above Part 360.13 F2 Requirements, whereas samples DB-8, and DB-10 were found to meet Part 360.13 F2 Requirements. All samples were found to be non-hazardous. Based on the results, up to an additional **40 cubic yards or 60 tons (150 tons)** of the proposed soil and mulch is approved for the Contaminated Soil Bin at Posillico Materials Wash Plant in Farmingdale. Soils commensurate with Composite and Grab samples listed above representing the material in waste characterization samples DB-7, DB-8, DB-9, DB-10, and Comp_01. The material is approved only for the areas and depths listed above. No other material is to come to the Wash Plant.

Additional Requirements:

- Posillico Materials reserves the right to perform QA/QC sampling during the import of this material.
- All soil must use the NYSDEC Part 360 tracking form.
- All F1, F2, and F3 Fill must be shipped in a truck with a valid Part 364 Registration. Contaminated Soil must be shipped in a truck with a valid Part 364 Permit.
- If any deleterious material (asbestos, wood, plastic, organics and general garbage) is encountered or identified, the load will be rejected at the gate or a surcharge will be applied.
- If standing liquid is encountered or identified in the truck, the load will be rejected at the gate or a surcharge will be applied.
- If the material is from a USEPA and/or NYSDEC Regulated Program Site, as per Part 361-5.4 (d), an approval letter must be included with the application indicating the material is acceptable for the facility.

The applicant warrants that the material proposed for shipment is in fact, the same material which was tested and is represented by the sample results provided with this application. All deliveries **must** be scheduled in advance all material will be weighed on scales.

Please contact me if you have any questions.

Albert Kim
Environmental Soil Manager

Date: 11/07/2025

INTERSTATE
WASTE SERVICES

Scott Yanuck
Laurel Environnemental Géosciences D.P.C.
53 W Hills Road
Huntington, NY 11746

December 29, 2025

Re: Acceptance of Material – Best Equities LLC
236 Richmond Valley Road
Staten Island, NY 10307

Dear Scott,

This letter is to confirm that the Interstate Waste Services facility, located at 540 Doremus Ave, Newark, NJ , will accept the approved material (soil/debris contaminated with non-petroleum products) from the site referenced above at a rate of **$116 per ton**.

Please feel free to contact us if you require any additional information.

Greg Galietti

_____
-Greg Galietti-

APPENDIX J

Waste Disposal Manifests

J/C C

Posillico | We know how.™

Posillico Materials, LLC
1750 New Highway
Farmingdale, NY 11735-1534
P. 631-249-1872
F. 631-777-5640

8/29/2025
1:38:58 PM NYSDOT REQUIRES SPOTTER BEFORE BACKING INTO PAVER.

Customer: 20546
LAUREL ENVIRONMENTAL

Job: 25776C
Phase Code# 44745

Truck #
VALIANT317

Ticket #
573029

P.O. #:

Delivery Out

Product - Name
5010- CONTAMINATED SOTL

Mix Code

Amount
22.830 TN

Plant Name: POSTLLICO MF

Received By: _____

Driver Name: Vlad

DOT#
Location: 158 PAGE AVE, STATEN ISLAND

DROP # SCALE SILO

	TONS	MM
Gross:	37.570	34.083
Tare: (K)	14.740	13.372
Net:	22.830	20.711
Totals:	22.830	20.711

"The following PPE is ***REQUIRED*** at all times when working outside your truck, Hard hat, reflective vest, eye protection, gloves, work boots and appropriate work attire. No shorts, sleeveless shirts or sneakers. Failure to comply can result in you being removed and banned from site."

Tracking Doc #: 0044745 Posillico Job #: 25276C Customer #: 20546 Scale Ticket #: 673029

NEW YORK State of Opportunity | Department of Environmental Conservation

Part 360 Series Waste Tracking Document - Construction & Demolition Debris

This form satisfies the tracking document requirements of both 361-5.6 and section 364-5.1 for the transport of C&D Debris

TYPE OF C&D DEBRIS:	RUCARBS? 5010 - Non Hazardous Contaminated Soil
WASTE QUANTITY:	Quantities are estimated: 10-wheel tri-axle: 25 tons; 18-wheel trailer: 40 tons
LOCATION WHERE WASTE WAS PICKED UP:	Best Equities, LLC 158 Page Avenue, Staten Island, NY Nassau Metals OU-2 VCP ID # V00159

GENERATOR: Best Equities, LLC
158 Page Avenue
Staten Island, NY 10307

See Transporter and Receiving Facility Information Below

I have completed this tracking document describing the waste and identifying the transporter and receiving facility. I certify, under penalty of law, that the information provided in this waste tracking document has been prepared under my direction and supervision and further certify that the information contained herein is true and accurate. I am aware that any false statement made on this document is punishable pursuant to Section 210.45 of the Penal Law.

Authorized Representative of Generator: Barbara Lunz / Agent of Phone: 631-673-0612

Signature: Barbara Lunz Date: 8/29/25

TRANSPORTER: *To be completed by Transporter* DEC Permit/Registration No.: _____

Transporter Company Name: VALIANT

Driver Name (print): VLADIMIR QUINT Phone: 9732345556 Truck #: 317 Plate No.: AY718Y

Signature: _____ Date: 8/29/25

RECEIVING FACILITY: *To be completed by Receiving site* DEC Permit/Reg. No. (if applicable): 1-4270-00695/00009

Name: Posillico Materials, LLC Address: 1610 New Highway

City: Farmingdale State: NY Zip: 11735 Put [X] for: ☐ interim processor, or ☐ final site

Describe all Discrepancies in type or quantity of waste: _____

I certify, under penalty of law, that the information contained herein is true and accurate.
I am aware that any false statement made on this document is punishable pursuant to Section 210.45 of the Penal Law.

Print Name: James Mag Phone: (631) 249-1872

Signature: _____ Date: 8/29/25

The completed tracking document for all waste types must be returned to the Generator within two weeks of receipt of the waste.
Statewide for restricted-use fill, limited-use fill and contaminated fill, and for all waste types, except residue, generated in the City of New York, a copy of the completed tracking document must also be provided to NYS DEC within 15 days of waste delivery to the receiving facility.
[ref: 6 NYCRR 364-5.1(b)(5)]

Return completed forms to NYS DEC by e-mail to transport@dec.ny.gov OR fax to 518-402-9034 OR mail to 625 Broadway, 9th Floor, Albany, NY 12233-7251.

J/C C

Posillico | We know how.

Posillico Materials, LLC
1750 New Highway
Farmingdale, NY 11735-1534
P. 631-249-1872
F. 631-777-5640

8/29/2025
1:41:09 PM NYSDOT REQUIRES SPOTTER BEFORE BACKING INTO PAVER.

Customer: 20546
LAUREL ENVIRONMENTAL

Job: 25276C 44744
Phase Code#

Truck #
VALIANT309

Ticket #
573031

P.O. #:

Delivery Out

Product - Name
5010- CONTAMINATED SOIL

Mix Code

Amount
21.380 TN

Plant Name: POSILLICO MAT

Received By: _____

Driver Name: Anderson

DOT#

Location: 150 PAGE AVE, STATEN ISLAND

DROP # SCALE SILO

	TONS	MM
Gross:	36.730	33.321
Tare: (K)	15.350	13.925
Net:	21.380	19.396
Totals:	44.210	40.106

"The following PPE is ***REQUIRED*** at all times when working outside your truck, Hard hat, reflective vest, eye protection, gloves, work boots and appropriate work attire. No shorts, sleeveless shirts or sneakers. Failure to comply can result in you being removed and banned from site."

Tracking Doc #: 0044744 Posillico Job #: 25276C Customer #: 20546 Scale Ticket #: 573031

New York State Department of Environmental Conservation

Part 360 Series Waste Tracking Document - Construction & Demolition Debris

This form satisfies the tracking document requirements of both 361-5.6 and section 364-5.1 for the transport of C&D Debris

TYPE OF C&D DEBRIS:	RUCARBS? 5010 - Non Hazardous Contaminated Soil
WASTE QUANTITY:	Quantities are estimated: 10-wheel tri-axle: 25 tons 18-wheel trailer: 40 tons
LOCATION WHERE WASTE WAS PICKED UP:	Best Equities, LLC 158 Page Avenue, Staten Island, NY Nassau Metals OU-2 VCP ID # V00159

GENERATOR:

Best Equities, LLC
158 Page Avenue
Staten Island, NY 10307

See Transporter and Receiving Facility Information Below

I have completed this tracking document describing the waste and identifying the transporter and receiving facility. I certify, under penalty of law, that the information provided in this waste tracking document has been prepared under my direction and supervision and further certify that the information contained herein is true and accurate. I am aware that any false statement made on this document is punishable pursuant to Section 210.45 of the Penal Law.

Authorized Representative of Generator: Barbara Lunz / Agent of Phone: 631-673-0612

Signature: Barbara Lunz Date: 8/29/25

TRANSPORTER: *To be completed by Transporter* DEC Permit/Registration No.: _____

Transporter Company Name: VALIANT CONTRACTING

Driver Name (print): ANDERSON DIAZ Phone: 9739798368 Truck #: 369 Plate No.: AY387N

Signature: _____ Date: 8/29/25

RECEIVING FACILITY: *To be completed by Receiving site* DEC Permit/Reg. No. (if applicable): 1-4270-00695/00009

Name: Posillico Materials, LLC Address: 1610 New Highway

City: Farmingdale State: NY Zip: 11735 Put [X] for: ☐ interim processor, or ☐ final site

Describe all Discrepancies in type or quantity of waste: _____

I certify, under penalty of law, that the information contained herein is true and accurate.
I am aware that any false statement made on this document is punishable pursuant to Section 210.45 of the Penal Law.

Print Name: James Men Phone: (631) 249-1872

Signature: _____ Date: 8/29/25

The completed tracking document for all waste types must be returned to the Generator within two weeks of receipt of the waste. Statewide for restricted-use fill, limited-use fill and contaminated fill, and for all waste types, except residue, generated in the City of New York, a copy of the completed tracking document **must also be provided to NYS DEC within 15 days** of waste delivery to the receiving facility.
[ref: 6 NYCRR 364-5.1(b)(5)]

Return completed forms to NYS DEC by e-mail to transport@dec.ny.gov OR fax to 518-402-9034 OR mail to 625 Broadway, 9th Floor, Albany, NY 12233-7251.

J/C C

Posillico | We know how.

Posillico Materials, LLC
1750 New Highway
Farmingdale, NY 11735-1534
P. 631-249-1872
F. 631-777-5640

9/2/2025
12:54:54 PM NYSDOT REQUIRES SPOTTER BEFORE BACKING INTO PAVER.

Customer: 20546	Job: 25276C	Truck #	Ticket #
LAUREL ENVIRONMENTAL	Phase Code#	VALIANT324	573296

64747

P.O. #: Delivery Out

Product - Name	Mix Code	Amount
5010- CONTAMINATED SOIL		15.450 TN

Plant Name: POSILLICO MAT

Received By: _____ Driver Name: _____

DOT#
Location: 158 PAGE AVE, STATEN ISLAND

DROP #	SCALE	SILO

	TONS	MM
Gross:	29.960	27.179
Tare: (K)	14.510	13.163
Net:	15.450	14.016
Totals:	15.450	14.016

"The following PPE is ***REQUIRED*** at all times when working outside your truck, Hard hat, reflective vest, eye protection, gloves, work boots and appropriate work attire. No shorts, sleeveless shirts or sneakers. Failure to comply can result in you being removed and banned from site."

Tracking Doc #: 0044747 Posillico Job #: 2527BC Customer #: 20546 Scale Ticket #: 57326

NEW YORK STATE OF OPPORTUNITY. Department of Environmental Conservation

Part 360 Series Waste Tracking Document - Construction & Demolition Debris

This form satisfies the tracking document requirements of both 361-5.6 and section 364-5.1 for the transport of C&D Debris

TYPE OF C&D DEBRIS:	RUCARBS? 5010 - Non Hazardous Contaminated Soil
WASTE QUANTITY:	Quantities are estimated: 10-wheel tri-axle: 25 tons; 18-wheel trailer: 40 tons
LOCATION WHERE WASTE WAS PICKED UP:	Best Equities, LLC 158 Page Avenue, Staten Island, NY Nassau Metals OU-2 VCP ID # V00159

GENERATOR:

Best Equities, LLC
158 Page Avenue
Staten Island, NY 10307

See Transporter and Receiving Facility Information Below

I have completed this tracking document describing the waste and identifying the transporter and receiving facility. I certify, under penalty of law, that the information provided in this waste tracking document has been prepared under my direction and supervision and further certify that the information contained herein is true and accurate. I am aware that any false statement made on this document is punishable pursuant to Section 210.45 of the Penal Law.

Authorized Representative of Generator: Barbara Lunz / Agent of Phone: 631-673-0612

Signature: Barbara Lunz Date: 9/2/2025

TRANSPORTER: *To be completed by Transporter* DEC Permit/Registration No.: _____

Transporter Company Name: Valiant Contracting

Driver Name (print): Julian Vallejo Phone: 973 234 5668 Truck #: 324 Plate No.: AZ9635

Signature: Julian Vallejo Date: 9/2/25

RECEIVING FACILITY: *To be completed by Receiving site* DEC Permit/Reg. No. (if applicable): 1-4270-00695/00009

Name: Posillico Materials, LLC Address: 1610 New Highway

City: Farmingdale State: NY Zip: 11735 Put [X] for: ☐ interim processor, or ☐ final site

Describe all Discrepancies in type or quantity of waste: _____

I certify, under penalty of law, that the information contained herein is true and accurate.
I am aware that any false statement made on this document is punishable pursuant to Section 210.45 of the Penal Law.

Print Name: _____ Phone: (631) 249-1872

Signature: _____ Date: 9/2/25

The completed tracking document for all waste types must be returned to the Generator within two weeks of receipt of the waste. Statewide for restricted-use fill, limited-use fill and contaminated fill, and for all waste types, except residue, generated in the City of New York, a copy of the completed tracking document **must also be provided to NYS DEC within 15 days** of waste delivery to the receiving facility. [ref: 6 NYCRR 364-5.1(b)(5)]

Return completed forms to NYS DEC by e-mail to transport@dec.ny.gov OR fax to 518-402-9034 OR mail to 625 Broadway, 9th Floor, Albany, NY 12233-7251.

Posillico | We know how.™

Posillico Materials, LLC
1750 New Highway
Farmingdale, NY 11735-1534
P. 631-249-1872
F. 631-777-5640

9/2/2025
12:58:49 PM NYSDOT REQUIRES SPOTTER BEFORE BACKING INTO PAVER.

Customer: 20546	Job: 25276C	Truck #	Ticket #
LAUREL ENVIRONMENTAL	Phase Code#	VALIANT290	573298

4424

P.O. #: Delivery Out

Product - Name	Mix Code	Amount
5010- CONTAMINATED SOIL		9.160 TN

Plant Name: POSILLICO MAT

Received By: _____ Driver Name: Fredy

DOT#
Location: 158 PAGE AVE, STATEN ISLAND

DROP #	SCALE	SILO

	TONS	MM
Gross:	23.050	20.910
Tare: (K)	13.890	12.601
Net:	9.160	8.310
Totals:	24.610	22.326

"The following PPE is ***REQUIRED*** at all times when working outside your truck, Hard hat, reflective vest, eye protection, gloves, work boots and opriate work attire. No shorts, sleeveless shirts or sneakers. Failure to comply can result in you being removed and banned from site."

Tracking Doc #: 0044746 Posillico Job #: 25278C Customer #: 20546 Scale Ticket #: 573248

NEW YORK STATE | Department of Environmental Conservation

Part 360 Series Waste Tracking Document - Construction & Demolition Debris

This form satisfies the tracking document requirements of both 361-5.6 and section 364-5.1 for the transport of C&D Debris

TYPE OF C&D DEBRIS:	RUCARBS? 5010 - Non Hazardous Contaminated Soil
WASTE QUANTITY:	Quantities are estimated: 10-wheel tri-axle: 25 tons; 18-wheel trailer: 40 tons
LOCATION WHERE WASTE WAS PICKED UP:	Best Equities, LLC 158 Page Avenue, Staten Island, NY Nassau Metals OU-2 VCP ID # V00159

GENERATOR:

Best Equities, LLC
158 Page Avenue
Staten Island, NY 10307

See Transporter and Receiving Facility Information Below

I have completed this tracking document describing the waste and identifying the transporter and receiving facility. I certify, under penalty of law, that the information provided in this waste tracking document has been prepared under my direction and supervision and further certify that the information contained herein is true and accurate. I am aware that any false statement made on this document is punishable pursuant to Section 210.45 of the Penal Law.

Authorized Representative of Generator: Barbara Lunz / Agent of Phone: 631-673-0612

Signature: Barbara Lunz Date: 9/2/2025

TRANSPORTER: *To be completed by Transporter* DEC Permit/Registration No.: _____

Transporter Company Name: Valley Contracting

Driver Name (print): Freddy Carajah Phone: 973 234 5668 Truck #: 299

Signature: _____ Date: 9-2-25 Plate No.: AY115A

RECEIVING FACILITY: *To be completed by Receiving site* DEC Permit/Reg. No. (if applicable): 1-4270-00695/00009

Name: Posillico Materials, LLC Address: 1610 New Highway

City: Farmingdale State: NY Zip: 11735 Put [X] for: ☐ interim processor, or ☐ final site

Describe all Discrepancies in type or quantity of waste: _____

I certify, under penalty of law, that the information contained herein is true and accurate.
I am aware that any false statement made on this document is punishable pursuant to Section 210.45 of the Penal Law.

Print Name: _____ Phone: (631) 249-1872

Signature: _____ Date: 9/2/25

The completed tracking document for all waste types must be returned to the Generator within two weeks of receipt of the waste. Statewide for restricted-use fill, limited-use fill and contaminated fill, and for all waste types, except residue, generated in the City of New York, a copy of the completed tracking document **must also be provided to NYS DEC within 15 days** of waste delivery to the receiving facility. [ref: 6 NYCRR 364-5.1(b)(5)]

Return completed forms to NYS DEC by e-mail to transport@dec.ny.gov OR fax to 518-402-9034 OR mail to 625 Broadway, 9th Floor, Albany, NY 12233-7251.

J/C J

Posillico | We know how.™

Posillico Materials, LLC
1750 New Highway
Farmingdale, NY 11735-1534
P. 631-249-1872
F. 631-777-5640

11/11/2025
9:44:02 AM NYSDOT REQUIRES SPOTTER BEFORE BACKING INTO PAVER.

Customer: 20546	Job: 25276C		Truck #	Ticket #
LAUREL ENVIRONMENTAL	Phase Code#	51297	VALIANT317	589114

P.O. #: Delivery Out

Product - Name	Mix Code	Amount
5010- CONTAMINATED SOIL		19.880 TN

Plant Name: POSILLICO MAT

Received By: _____ Driver Name: Vlad

DOT#
Location: 158 PAGE AVE, STATEN ISLAND

DROP #	SCALE	SILO

	TONS	MM
Gross:	34.620	31.407
Tare: (K)	14.740	13.372
Net:	19.880	18.035
Totals:	19.880	18.035

"The following PPE is *REQUIRED* at all times when working outside your truck, Hard hat, reflective vest, eye protection, gloves, work boots and appropriate work attire. No shorts, sleeveless shirts or sneakers. Failure to comply can result in you being removed and banned from site."

Tracking Doc #: 0051297 Posillico Job #: 25276C Customer #: 20546 Scale Ticket #: 589114

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Part 360 Series Waste Tracking Document - Construction & Demolition Debris

This form satisfies the tracking document requirements of both 361-5.6 and section 364-5.1 for the transport of C&D Debris

TYPE OF C&D DEBRIS:	RUCARBS? 5010 - Non Hazardous Contaminated Soil
WASTE QUANTITY:	Quantities are estimated: 10-wheel tri-axle: 25 tons 18-wheel trailer: 40 tons
LOCATION WHERE WASTE WAS PICKED UP:	Best Equities, LLC 158 Page Avenue, Staten Island, NY Nassau Metals OU-2 VCP ID # V00159

GENERATOR:

Best Equities, LLC
158 Page Avenue
Staten Island, NY 10307

See Transporter and Receiving Facility Information Below

I have completed this tracking document describing the waste and identifying the transporter and receiving facility. I certify, under penalty of law, that the information provided in this waste tracking document has been prepared under my direction and supervision and further certify that the information contained herein is true and accurate. I am aware that any false statement made on this document is punishable pursuant to Section 210.45 of the Penal Law.

Authorized Representative of Generator: Barbara Lunz Phone: 631-673-0612

Signature: Barbara Lunz Date: 11/11/25

TRANSPORTER: *To be completed by Transporter* DEC Permit/Registration No.: _____

Transporter Company Name: VALIANT

Driver Name (print): VLADIMIR HUNT Phone: 9732345668 Truck #: 317 Plate No.: AY718Y

Signature: _____ Date: 11/11/25

RECEIVING FACILITY: *To be completed by Receiving site* DEC Permit/Reg. No. (if applicable): 1-4270-00695/00009

Name: Posillico Materials, LLC Address: 1610 New Highway

City: Farmingdale State: NY Zip: 11735 Put [X] for: ☐ interim processor, or ☐ final site

Describe all Discrepancies in type or quantity of waste: _____

I certify, under penalty of law, that the information contained herein is true and accurate.
I am aware that any false statement made on this document is punishable pursuant to Section 210.45 of the Penal Law.

Print Name: James Mar Phone: (631) 249-1872

Signature: _____ Date: 11/11/25

The completed tracking document for all waste types must be returned to the Generator within two weeks of receipt of the waste. Statewide for restricted-use fill, limited-use fill and contaminated fill, and for all waste types, except residue, generated in the City of New York, a copy of the completed tracking document **must also be provided to NYS DEC within 15 days** of waste delivery to the receiving facility.
[ref: 6 NYCRR 364-5.1(b)(5)]

Return completed forms to NYS DEC by e-mail to transport@dec.ny.gov OR fax to 518-402-9034 OR mail to 625 Broadway, 9th Floor, Albany, NY 12233-7251.

J/C C

Posillico | We know how.

Posillico Materials, LLC
1750 New Highway
Farmingdale, NY 11735-1534
P. 631-249-1872
F. 631-777-5640

11/11/2025
9:55:19 AM NYSDOT REQUIRES SPOTTER BEFORE BACKING INTO PAVER.

Customer: 20546
LAUREL ENVIRONMENTAL

Job: 25276C
Phase Code#

Truck # VALIANT305

Ticket # 589122

5296

P.O. #:

Delivery Out

Product - Name
5010- CONTAMINATED SOIL

Mix Code

Amount
15.440 TN

Plant Name: POSILLICO MAT

Received By: _____

Driver Name: MARIO

DOT#
Location: 158 PAGE AVE, STATEN ISLAND

DROP # SCALE SILO

	TONS	MM
Gross:	30.290	27.478
Tare: (K)	14.850	13.472
Net:	15.440	14.007
Totals:	35.320	32.042

"The following PPE is *REQUIRED* at all times when working outside your truck, Hard hat, reflective vest, eye protection, gloves, work boots and appropriate work attire. No shorts, sleeveless shirts or sneakers. Failure to comply can result in you being removed and banned from site."

Tracking Doc #: 0051296 Posillico Job #: 25276C Customer #: 20546 Scale Ticket #: 589

NEW YORK STATE OF OPPORTUNITY. Department of Environmental Conservation

Part 360 Series Waste Tracking Document - Construction & Demolition Debris

This form satisfies the tracking document requirements of both 361-5.6 and section 364-5.1 for the transport of C&D Debris

TYPE OF C&D DEBRIS:	RUCARBS? 5010 - Non Hazardous Contaminated Soil
WASTE QUANTITY:	Quantities are estimated: 10-wheel tri-axle: 25 tons 18-wheel trailer: 40 tons
LOCATION WHERE WASTE WAS PICKED UP:	Best Equities, LLC 158 Page Avenue, Staten Island, NY Nassau Metals OU-2 VCP ID # V00159

GENERATOR:

Best Equities, LLC
158 Page Avenue
Staten Island, NY 10307

See Transporter and Receiving Facility Information Below

I have completed this tracking document describing the waste and identifying the transporter and receiving facility. I certify, under penalty of law, that the information provided in this waste tracking document has been prepared under my direction and supervision and further certify that the information contained herein is true and accurate. I am aware that any false statement made on this document is punishable pursuant to Section 210.45 of the Penal Law.

Authorized Representative of Generator: Barbara Lunz Phone: 631-673-0612

Signature: Barbara Lunz Date: 11/11/2025

TRANSPORTER: *To be completed by Transporter* DEC Permit/Registration No.: _____

Transporter Company Name: Vulcan

Driver Name (print): Hugo Hoya Phone: _____ Truck #: 305 Plate No.: BY9175

Signature: _____ Date: 11/11/25

RECEIVING FACILITY: *To be completed by Receiving site* DEC Permit/Reg. No. (if applicable): 1-4270-00695/00009

Name: Posillico Materials, LLC Address: 1610 New Highway

City: Farmingdale State: NY Zip: 11735 Put [X] for: ☐ interim processor, or ☐ final site

Describe all Discrepancies in type or quantity of waste: _____

I certify, under penalty of law, that the information contained herein is true and accurate.
I am aware that any false statement made on this document is punishable pursuant to Section 210.45 of the Penal Law.

Print Name: _____ Phone: (631) 249-1872

Signature: _____ Date: 11/11/25

The completed tracking document for all waste types must be returned to the Generator within two weeks of receipt of the waste. Statewide for restricted-use fill, limited-use fill and contaminated fill, and for all waste types, except residue, generated in the City of New York, a copy of the completed tracking document **must also be provided to NYS DEC within 15 days** of waste delivery to the receiving facility. [ref: 6 NYCRR 364-5.1(b)(5)]

Return completed forms to NYS DEC by e-mail to transport@dec.ny.gov OR fax to 518-402-9034 OR mail to 625 Broadway, 9th Floor, Albany, NY 12233-7251.

Posillico | We know how.

Posillico Materials, LLC
1750 New Highway
Farmingdale, NY 11735-1534
P. 631-249-1872
F. 631-777-5640

11/11/2025
10:35:40 AM NYSDOT REQUIRES SPOTTER BEFORE BACKING INTO PAVER.

Customer: 20546
LAUREL ENVIRONMENTAL

Job: 25276C
Phase Code# 61300

Truck # VALIANT324

Ticket # 589142

P.O. #:

Delivery Out

Product - Name
5010- CONTAMINATED SOIL

Mix Code

Amount
14.120 TN

Plant Name: POSILLICO MAT

Received By: _____

Driver Name: Julian

DOT#
Location: 158 PAGE AVE, STATEN ISLAND

DROP #	SCALE	SILO

	TONS	MM
Gross:	28.630	25.973
Tare: (K)	14.510	13.163
Net:	14.120	12.809
Totals:	49.440	44.851

"The following PPE is *REQUIRED* at all times when working outside your truck, Hard hat, reflective vest, eye protection, gloves, work boots and appropriate work attire. No shorts, sleeveless shirts or sneakers. Failure to comply can result in you being removed and banned from site."

Tracking Doc #: 0051300 Posillico Job #: 25276C Customer #: 20546 Scale Ticket #: 584142

NEW YORK STATE OF OPPORTUNITY. Department of Environmental Conservation

Part 360 Series Waste Tracking Document - Construction & Demolition Debris

This form satisfies the tracking document requirements of both 361-5.6 and section 364-5.1 for the transport of C&D Debris

TYPE OF C&D DEBRIS:	RUCARBS? 5010 - Non Hazardous Contaminated Soil
WASTE QUANTITY:	Quantities are estimated: 10-wheel tri-axle: 25 tons 18-wheel trailer: 40 tons
LOCATION WHERE WASTE WAS PICKED UP:	Best Equities, LLC 158 Page Avenue, Staten Island, NY Nassau Metals OU-2 VCP ID # V00159

GENERATOR:

Best Equities, LLC
158 Page Avenue
Staten Island, NY 10307

See Transporter and Receiving Facility Information Below

I have completed this tracking document describing the waste and identifying the transporter and receiving facility. I certify, under penalty of law, that the information provided in this waste tracking document has been prepared under my direction and supervision and further certify that the information contained herein is true and accurate. I am aware that any false statement made on this document is punishable pursuant to Section 210.45 of the Penal Law.

Authorized Representative of Generator: Barbara Lunz Phone: 631-673-0612

Signature: Barbara Lunz Date: 11/11/2025

TRANSPORTER: *To be completed by Transporter* DEC Permit/Registration No.: _____

Transporter Company Name: Valiant Contracting

Driver Name (print): Julian Vallejo Phone: _____ Truck #: 324 Plate No.: AZ9

Signature: Julian Vallejo Date: 11/11/25

RECEIVING FACILITY: *To be completed by Receiving site* DEC Permit/Reg. No. (if applicable): 1-4270-00695/00009

Name: Posillico Materials, LLC Address: 1610 New Highway

City: Farmingdale State: NY Zip: 11735 Put [X] for: ☐ interim processor, or ☐ final site

Describe all Discrepancies in type or quantity of waste: _____

I certify, under penalty of law, that the information contained herein is true and accurate.
I am aware that any false statement made on this document is punishable pursuant to Section 210.45 of the Penal Law.

Print Name: James Min Phone: (631) 249-1872

Signature: _____ Date: 11/11/25

The completed tracking document for all waste types must be returned to the Generator within two weeks of receipt of the waste. Statewide for restricted-use fill, limited-use fill and contaminated fill, and for all waste types, except residue, generated in the City of New York, a copy of the completed tracking document must also be provided to NYS DEC within 15 days of waste delivery to the receiving facility. [ref: 6 NYCRR 364-5.1(b)(5)]

Return completed forms to NYS DEC by e-mail to transport@dec.ny.gov OR fax to 518-402-9034 OR mail to 625 Broadway, 9th Floor, Albany, NY 12233-7251.

DART Transfer
Interstate Waste Services
DEP FACILITY # 213296
540 Doremus Ave
Newark, NJ 07105- PH: (201) 830-3247

Ticket: 151-6675206
Date: 1/7/2026
Time: 10:20:48 - 10:29:01

			Scale
Gross:	35380 LB	In	Manual Wt M
Tare:	28900 LB	Out	Scale OUTBOUND
Net:	6480 LB		

Truck: AY584H
Customer: 8741220001
Laurel Environmental Geoscience
53 W Hills Rd
Huntington Station, NY 11746-

Truck DEP: 023856

Truck Type: Side Loader

Origin	Materials & Services	Quantity	Unit
Staten Island	Dry Industrial Waste - Scale	3.24	

The undersigned hereby certifies that the origin of the waste set forth in this weight ticket is true and accurate, and is non-hazardous materials.

Driver: _____ Deputy Weighmaster: Dart Scale

DART Transfer
Interstate Waste Services
DEP FACILITY # 213296
540 Doremus Ave
Newark, NJ 07105- PH: (201) 830-3247

Ticket: 151-6675206
Date: 1/7/2026
Time: 10:20:48 - 10:29:01

			Scale
Gross:	35380 LB	In	Manual Wt M
Tare:	28900 LB	Out	Scale OUTBOUND
Net:	6480 LB		

Truck: AY584H
Customer: 8741220001
Laurel Environmental Geoscience
53 W Hills Rd
Huntington Station, NY 11746-

Truck DEP: 023856

Truck Type: Side Loader

Origin	Materials & Services	Quantity	Unit
Staten Island	Dry Industrial Waste - Scale	3.24	

The undersigned hereby certifies that the origin of the waste set forth in this weight ticket is true and accurate, and is non-hazardous materials.

Driver: _____ Deputy Weighmaster: Dart Scale

Apex Sanitary Landfill
11 County Road 78
P.O. Box 157
Amsterdam, OH. 43903
(740) 543-4389

APEX
ENVIRONMENTAL LLC

NON-HAZARDOUS WASTE MANIFEST

Document No. 1307718

SECTION 1 THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME	ADDRESS	WASTE ID NUMBER
Best Equities LLC	236 Richmond Valley Rd	1218-2026
	Staten Island NY 10307 (CITY / STATE / ZIP)	P.O. NUMBER

NAME OR DESCRIPTION OF WASTE SHIPPED: DEMO

COMMENTS / FACILITY APPROVAL #:

IN CASE OF AN EMERGENCY OR SPILL CONTACT	NAME	PHONE NO.	24-HR EMERGENCY NO.
	Kathy Lobasso	(631) 673-0612	

I hereby certify that the above named waste(s) are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA.

GENERATOR SIGNATURE: [signature], Agent of — DATE: 1/7/2026

SECTION 2 THIS SECTION TO BE COMPLETED BY THE HAULER/TRANSPORTER:

COMPANY NAME	ADDRESS	PHONE NO.
Interstate Waste Services	300 Frank W Burr Blvd Ste 39 Teaneck	973 303 1290

VEHICLE I.D. NO.	STATE	BOX NUMBER - IN	BOX NUMBER - OUT	JOB NO.
814	NJ			

I hereby certify that the above described waste(s) were accepted for transportation at the producer's site and delivered to and off-loaded at the waste facility, both as listed hereupon.

PRINT DRIVER'S NAME: Trevor Knapp — DATE: 1/7/26

DRIVER'S SIGNATURE: [signature]

SECTION 3 THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL SITE:

FACILITY NAME	ADDRESS	PHONE NO.
Apex Landfill	11 County Rd 78 Amsterdam OH	(740) 543-4389

COMMENTS: Via NJ Rail Carriers, Kearny, NJ

I hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE: — DATE:

SECTION 4 ASBESTOS (Operator to complete):

"Operator" is defined as the company which owns, leases, operates, controls or supervises the facility being demolished or renovated, or the demolition or renovation operation or both.

OPERATOR'S NAME — PHONE NO.

OPERATOR'S ADDRESS

RECOMMENDED SPECIAL HANDLING INSTRUCTIONS AND ADDITIONAL INFORMATION ☐ FRIABLE ☐ NON-FRIABLE

Operator's Certification: I hereby warrant and declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, marked, and labeled and are in all respects in proper condition for transport by highway/rail according to applicable international and domestic law, regulations, ordinances, orders, rules and/or standards.

Operator's Name (print/type) — Signature of Operator's Authorized Agent — Date

RESPONSIBLE AGENCY NAME AND ADDRESS

QUANTITY TO BE DETERMINED AT DISPOSAL FACILITY
DISPOSAL FACILITY – COPY 1

DISPOSAL FACILITY

APPENDIX K

Soil Reuse Requests and Approval

Submitted under separate cover

APPENDIX L

Soil Import Requests and Approvals

Submitted under separate cover

APPENDIX M

Soil Import Tickets

INVOICE

Invoice #:	103720
Date:	07/18/25
Customer No:	13034

From: Posillico Materials, LLC
1750 New Highway
Farmingdale NY 11735

Sold To: Mammoth, Inc.
166 Industrial Loop
Staten Island, NY 10309

Delivered To:

Sale Date	Ticket	Units	UM	Unit Price	Matl Total	Haul Total	Tax Code	Tax	Total
Sale Date: 07/18/25									
MATERIAL:	Engineered Fill (F2)								
07/18/25	564377	25.000	TON	50.0000 E	1,250.00	0.00	5	110.94	1,360.94
07/18/25	564379	25.000	TON	50.0000 E	1,250.00	0.00	5	110.94	1,360.94
07/18/25	564380	25.000	TON	50.0000 E	1,250.00	0.00	5	110.94	1,360.94
07/18/25	564381	25.000	TON	50.0000 E	1,250.00	0.00	5	110.94	1,360.94
07/18/25	564382	25.000	TON	50.0000 E	1,250.00	0.00	5	110.94	1,360.94
Total:	**7/18/2025**				**6,250.00**	**0.00**		**554.70**	**6,804.70**
Total:					**6,250.00**	**0.00**		**554.70**	**6,804.70**
		Total Invoice:			**6,250.00**	**0.00**		**554.70**	**6,804.70**

Payment Type: On Account

COD Pay Terms Cash on delivery	**Total: 6,804.70**

Finance Charges will be applied to any late invoices at a rate of 1.0% per month or the State's Lawful Amount.

Posillico | *We know how.*™

Posillico Materials, LLC
1750 New Highway
Farmingdale, NY 11735-1534
P. 631-249-1872
F. 631-777-5640

7/18/2025
1:51:53 PM NYSDOT REQUIRES SPOTTER BEFORE BACKING INTO PAVER.

Customer: 13034	Job:	Truck #	Ticket #
MAMMOTH INC	Phase Code#	VALIANT313	564379

P.O. #: Delivery Out

Product - Name	Mix Code	Amount
3030- ENGINEERED FILL (F2)		25.000 TN

Plant Name: POSILLICO MAT

Received By:_____ Driver Name:_____

DOT#
Location:

DROP #	SCALE	SILO

	TONS	MM
Gross:	40.100	36.378
Tare: (K)	15.100	13.698
Net:	25.000	22.680
Totals:	50.000	45.359

"The following PPE is ***REQUIRED*** at all times when working outside your truck, Hard hat, reflective vest, eye protection, gloves, work boots and appropriate work attire. No shorts, sleeveless shirts or sneakers. Failure to comply can result in you being removed and banned from site."

Posillico | We know how.™

Posillico Materials, LLC
1750 New Highway
Farmingdale, NY 11735-1534
P. 631-249-1872
F. 631-777-5640

7/18/2025
1:51:08 PM NYSDOT REQUIRES SPOTTER BEFORE BACKING INTO PAVER.

Customer: 13034	Job:	Truck #	Ticket #
MAMMOTH INC	Phase Code#	VALIANT303	564377

P.O. #: Delivery Out

Product - Name	Mix Code	Amount	
3030- ENGINEERED FILL (F2)		25.000	TN

Plant Name: POSILLICO MAT

Received By:_____ Driver Name:_____

DOT#
Location:

DROP #	SCALE	SILO

	TONS	MM
Gross:	39.350	35.698
Tare: (K)	14.350	13.018
Net:	25.000	22.680
Totals:	25.000	22.680

"The following PPE is *REQUIRED* at all times when working outside your truck, Hard hat, reflective vest, eye protection, gloves, work boots and appropriate work attire. No shorts, sleeveless shirts or sneakers. Failure to comply can result in you being removed and banned from site."

Posillico | We know how.™

Posillico Materials, LLC
1750 New Highway
Farmingdale, NY 11735-1534
P. 631-249-1872
F. 631-777-5640

7/18/2025
1:52:28 PM NYSDOT REQUIRES SPOTTER BEFORE BACKING INTO PAVER.

Customer: 13034	Job:	Truck #	Ticket #
MAMMOTH INC	Phase Code#	VALIANT301	564380

P.O. #: Delivery Out

Product - Name	Mix Code	Amount	
3030- ENGINEERED FILL (F2)		25.000	TN

Plant Name: POSILLICO MAT

Received By:_____ Driver Name:_____

DOT#
Location:

DROP # SCALE SILO

	TONS	MM
Gross:	39.500	35.834
Tare: (K)	14.500	13.154
Net:	25.000	22.680
Totals:	75.000	68.038

"The following PPE is ***REQUIRED*** at all times when working outside your truck, Hard hat, reflective vest, eye protection, gloves, work boots and appropriate work attire. No shorts, sleeveless shirts or sneakers. Failure to comply can result in you being removed and banned from site."

Posillico | We know how.™

Posillico Materials, LLC
1750 New Highway
Farmingdale, NY 11735-1534
P. 631-249-1872
F. 631-777-5640

7/18/2025
1:53:23 PM NYSDOT REQUIRES SPOTTER BEFORE BACKING INTO PAVER.

Customer: 13034	Job:	Truck #	Ticket #
MAMMOTH INC	Phase Code#	VALIANT312	564382

P.O. #: Delivery Out

Product - Name	Mix Code	Amount	
3030- ENGINEERED FILL (F2)		25.000	TN

Plant Name: POSILLICO MAT

Received By:_____ Driver Name:_____

DOT#
Location:

DROP # SCALE SILO

	TONS	MM
Gross:	39.490	35.825
Tare: (K)	14.490	13.145
Net:	25.000	22.680
Totals:	125.000	113.397

"The following PPE is *REQUIRED* at all times when working outside your truck, Hard hat, reflective vest, eye protection, gloves, work boots and appropriate work attire. No shorts, sleeveless shirts or sneakers. Failure to comply can result in you being removed and banned from site."

Posillico | We know how.™

Posillico Materials, LLC
1750 New Highway
Farmingdale, NY 11735-1534
P. 631-249-1872
F. 631-777-5640

7/18/2025
1:52:55 PM NYSDOT REQUIRES SPOTTER BEFORE BACKING INTO PAVER.

Customer: 13034	Job:	Truck #	Ticket #
MAMMOTH INC	Phase Code#	VALIANT317	564381

P.O. #: Delivery Out

Product - Name	Mix Code	Amount
3030- ENGINEERED FILL (F2)		25.000 TN

Plant Name: POSILLICO MAT

Received By:_____ Driver Name:_____

DOT#
Location:

DROP # SCALE SILO

	TONS	MM
Gross:	39.740	36.051
Tare: (K)	14.740	13.372
Net:	25.000	22.680
Totals:	100.000	90.718

"The following PPE is *REQUIRED* at all times when working outside your truck, Hard hat, reflective vest, eye protection, gloves, work boots and appropriate work attire. No shorts, sleeveless shirts or sneakers. Failure to comply can result in you being removed and banned from site."

INVOICE

Invoice #:	104045
Date:	07/25/25
Customer No:	13034

From: Posillico Materials, LLC
1750 New Highway
Farmingdale NY 11735

Sold To: Mammoth, Inc.
166 Industrial Loop
Staten Island, NY 10309

Delivered To:

Sale Date	Ticket	Units	UM	Unit Price	Matl Total	Haul Total	Tax Code	Tax	Total
Sale Date: 07/25/25									
MATERIAL:	Engineered Fill (F2)								
07/25/25	565806	25.010	TON	50.0000 E	1,250.50	0.00	1	109.42	1,359.92
Total :	**7/25/2025**				**1,250.50**	**0.00**		**109.42**	**1,359.92**
Total :					**1,250.50**	**0.00**		**109.42**	**1,359.92**

For your convenience we accept credit cards

Thank you for your business. Billing Inquiries please call 631-390-5773

Total Invoice:	**1,250.50**	**0.00**	**109.42**	**1,359.92**

Payment Type: On Account

COD Pay Terms Cash on delivery	**Total: 1,359.92**

Finance Charges will be applied to any late invoices at a rate of 1.0% per month or the State's Lawful Amount.

South Shore Materials

327 Industrial Loop • Staten Island, New York 10309
718-494-8973 • Fax: 718-477-0887

153521

9am 12-9 2025

SHIPPED FROM Loop

NAME Mamouth & Arthur Kill

ADDRESS 286 Richmond Valley Rd

TRUCK NO.	DELIVERY	MATERIAL IN	MATERIAL OUT
Cem 1			✓

	SAND	CU. YARD	
	3/4" STONE (REC) (BLUE)	CU. YARD	
	ASPHALT	CU. YARD	
✓	CLEAN FILL (out)	CU. YARD	load
	3/4" BLEND	CU. YARD	
	TOP SOIL/LANDSCAPE MIX	CU. YARD	
	CONCRETE	CU. YARD	
	COMPOST	CU. YARD	
	¼ FINES	CU. YARD	
	OVERSIZED STONE	CU. YARD	
	MULCH	CU. YARD	

RECEIVED BY

3

South Shore Materials

327 Industrial Loop • Staten Island, New York 10309
718-494-8973 • Fax: 718-477-0887

153651

12-9 2025

SHIPPED FROM Loop

NAME Mammoth

ADDRESS 286 Richmond Valley Rd

TRUCK NO. CRM1	DELIVERY	MATERIAL IN	MATERIAL OUT

	SAND	CU. YARD	
	3/4" STONE (REC) (BLUE)	CU. YARD	
	ASPHALT	CU. YARD	
✓	CLEAN FILL (OUT)	CU. YARD	load
	3/4" BLEND	CU. YARD	
	TOP SOIL/LANDSCAPE MIX	CU. YARD	
	CONCRETE	CU. YARD	
	COMPOST	CU. YARD	
	¼ FINES	CU. YARD	
	OVERSIZED STONE	CU. YARD	
	MULCH	CU. YARD	

RECEIVED BY

4

South Shore Materials

327 Industrial Loop • Staten Island, New York 10309
718-494-8973 • Fax: 718-477-0887

153652

12-9 2025

SHIPPED FROM Loop

NAME Mammoth

ADDRESS 286 Richmond Valley Rd

TRUCK NO.	DELIVERY	MATERIAL IN	MATERIAL OUT
CRM			

	SAND	CU. YARD	
	3/4" STONE (REC) (BLUE)	CU. YARD	
	ASPHALT	CU. YARD	
	CLEAN FILL (OUT)	CU. YARD	load
	3/4" BLEND	CU. YARD	
	TOP SOIL/LANDSCAPE MIX	CU. YARD	
	CONCRETE	CU. YARD	
	COMPOST	CU. YARD	
	¼ FINES	CU. YARD	
	OVERSIZED STONE	CU. YARD	
	MULCH	CU. YARD	

RECEIVED BY

5

South Shore Materials

327 Industrial Loop • Staten Island, New York 10309
718-494-8973 • Fax: 718-477-0887

153653

12-9 20 25

SHIPPED FROM Loop

NAME Mammoth

ADDRESS 286 Richmond Valley Rd

TRUCK NO.	DELIVERY	MATERIAL IN	MATERIAL OUT
CEM 1			

	SAND	CU. YARD	
	3/4" STONE (REC) (BLUE)	CU. YARD	
/	ASPHALT	CU. YARD	
	CLEAN FILL (out)	CU. YARD	load
	3/4" BLEND	CU. YARD	
	TOP SOIL/LANDSCAPE MIX	CU. YARD	
	CONCRETE	CU. YARD	
	COMPOST	CU. YARD	
	¼ FINES	CU. YARD	
	OVERSIZED STONE	CU. YARD	
	MULCH	CU. YARD	

RECEIVED BY

6

South Shore Materials

327 Industrial Loop • Staten Island, New York 10309
718-494-8973 • Fax: 718-477-0887

153654

12-9 20 25

SHIPPED FROM Loop

NAME Mammoth

ADDRESS 286 Richmond Valley Rd

TRUCK NO. CRM 2	DELIVERY	MATERIAL IN	MATERIAL OUT

	SAND	CU. YARD	
	3/4" STONE (REC) (BLUE)	CU. YARD	
	ASPHALT	CU. YARD	
✓	CLEAN FILL (out)	CU. YARD	load
	3/4" BLEND	CU. YARD	
	TOP SOIL/LANDSCAPE MIX	CU. YARD	
	CONCRETE	CU. YARD	
	COMPOST	CU. YARD	
	¼ FINES	CU. YARD	
	OVERSIZED STONE	CU. YARD	
	MULCH	CU. YARD	

RECEIVED BY

7

South Shore Materials

327 Industrial Loop • Staten Island, New York 10309
718-494-8973 • Fax: 718-477-0887

153655

12-9 20 25

SHIPPED FROM Loop

NAME Mammoth

ADDRESS 286 Richmond Valley Rd

TRUCK NO.	DELIVERY	MATERIAL IN	MATERIAL OUT
CEM 1			

	SAND	CU. YARD	
	3/4" STONE (REC) (BLUE)	CU. YARD	
	ASPHALT	CU. YARD	
✓	CLEAN FILL (OUT)	CU. YARD	load
	3/4" BLEND	CU. YARD	
	TOP SOIL/LANDSCAPE MIX	CU. YARD	
	CONCRETE	CU. YARD	
	COMPOST	CU. YARD	
	¼ FINES	CU. YARD	
	OVERSIZED STONE	CU. YARD	
	MULCH	CU. YARD	

RECEIVED BY

8

South Shore Materials

327 Industrial Loop • Staten Island, New York 10309
718-494-8973 • Fax: 718-477-0887

153656

12-9 20 25

SHIPPED FROM loop

NAME Mammoth

ADDRESS 286 Richmond Valley Rd

TRUCK NO.	DELIVERY	MATERIAL IN	MATERIAL OUT
CRM 2			

	SAND	CU. YARD	
	3/4" STONE (REC) (BLUE)	CU. YARD	
	ASPHALT	CU. YARD	
✓	CLEAN FILL (all)	CU. YARD	load
	3/4" BLEND	CU. YARD	
	TOP SOIL/LANDSCAPE MIX	CU. YARD	
	CONCRETE	CU. YARD	
	COMPOST	CU. YARD	
	¼ FINES	CU. YARD	
	OVERSIZED STONE	CU. YARD	
	MULCH	CU. YARD	

RECEIVED BY

9

South Shore Materials

327 Industrial Loop • Staten Island, New York 10309
718-494-8973 • Fax: 718-477-0887

153657

12-9 20 25

SHIPPED FROM Loop

NAME Mammoth

ADDRESS 286 Richmond Valley Rd

TRUCK NO.	DELIVERY	MATERIAL IN	MATERIAL OUT
CEM1			

	SAND	CU. YARD	
	3/4" STONE (REC) (BLUE)	CU. YARD	
	ASPHALT	CU. YARD	
/	CLEAN FILL (out)	CU. YARD	load
	3/4" BLEND	CU. YARD	
	TOP SOIL/LANDSCAPE MIX	CU. YARD	
	CONCRETE	CU. YARD	
	COMPOST	CU. YARD	
	¼ FINES	CU. YARD	
	OVERSIZED STONE	CU. YARD	
	MULCH	CU. YARD	

RECEIVED BY

10

South Shore Materials

327 Industrial Loop • Staten Island, New York 10309
718-494-8973 • Fax: 718-477-0887

153815

12-9 20 25

SHIPPED FROM Loop

NAME Mammoth

ADDRESS Richmond Valley Rd

TRUCK NO. CRN 2	DELIVERY	MATERIAL IN	MATERIAL OUT

	SAND	CU. YARD	
	3/4" STONE (REC) (BLUE)	CU. YARD	
	ASPHALT	CU. YARD	
	CLEAN FILL (out)	CU. YARD	load
	3/4" BLEND	CU. YARD	
	TOP SOIL/LANDSCAPE MIX	CU. YARD	
	CONCRETE	CU. YARD	
	COMPOST	CU. YARD	
	¼ FINES	CU. YARD	
	OVERSIZED STONE	CU. YARD	
	MULCH	CU. YARD	

RECEIVED BY

11

South Shore Materials

327 Industrial Loop • Staten Island, New York 10309
718-494-8973 • Fax: 718-477-0887

153658

12-9 20 25

SHIPPED FROM _____

NAME Mammoth

ADDRESS Richmond Valley

TRUCK NO.	DELIVERY	MATERIAL IN	MATERIAL OUT
CRM 1			

	SAND	CU. YARD	
	3/4" STONE (REC) (BLUE)	CU. YARD	
	ASPHALT	CU. YARD	
✓	CLEAN FILL (out)	CU. YARD	load
	3/4" BLEND	CU. YARD	
	TOP SOIL/LANDSCAPE MIX	CU. YARD	
	CONCRETE	CU. YARD	
	COMPOST	CU. YARD	
	¼ FINES	CU. YARD	
	OVERSIZED STONE	CU. YARD	
	MULCH	CU. YARD	

RECEIVED BY _____

12

South Shore Materials

327 Industrial Loop • Staten Island, New York 10309
718-494-8973 • Fax: 718-477-0887

153659

12-9 20 25

SHIPPED FROM _____

NAME Mammoth

ADDRESS Richmond Valley

TRUCK NO.	DELIVERY	MATERIAL IN	MATERIAL OUT
CM 2			

	SAND	CU. YARD	
	3/4" STONE (REC) (BLUE)	CU. YARD	
	ASPHALT	CU. YARD	
✓	CLEAN FILL (out)	CU. YARD	load
	3/4" BLEND	CU. YARD	
	TOP SOIL/LANDSCAPE MIX	CU. YARD	
	CONCRETE	CU. YARD	
	COMPOST	CU. YARD	
	¼ FINES	CU. YARD	
	OVERSIZED STONE	CU. YARD	
	MULCH	CU. YARD	

RECEIVED BY

13

South Shore Materials

327 Industrial Loop • Staten Island, New York 10309
718-494-8973 • Fax: 718-477-0887

153662

12-9 20 25

SHIPPED FROM _____

NAME Mammoth

ADDRESS Richmond Valley Rd

TRUCK NO. CRM 1	DELIVERY	MATERIAL IN	MATERIAL OUT ✓

	SAND	CU. YARD	
	3/4" STONE (REC) (BLUE)	CU. YARD	
	ASPHALT	CU. YARD	
✓	CLEAN FILL (OUT)	CU. YARD	load
	3/4" BLEND	CU. YARD	
	TOP SOIL/LANDSCAPE MIX	CU. YARD	
	CONCRETE	CU. YARD	
	COMPOST	CU. YARD	
	¼ FINES	CU. YARD	
	OVERSIZED STONE	CU. YARD	
	MULCH	CU. YARD	

RECEIVED BY _____

14

South Shore Materials

327 Industrial Loop • Staten Island, New York 10309
718-494-8973 • Fax: 718-477-0887

153663

12-9 20 25

SHIPPED FROM _____

NAME Mammoth

ADDRESS Richmond Valley Rd

TRUCK NO.	DELIVERY	MATERIAL IN	MATERIAL OUT
CRM 2			✓

	SAND	CU. YARD	
	3/4" STONE (REC) (BLUE)	CU. YARD	
	ASPHALT	CU. YARD	
✓	CLEAN FILL (CLN)	CU. YARD	load
	3/4" BLEND	CU. YARD	
	TOP SOIL/LANDSCAPE MIX	CU. YARD	
	CONCRETE	CU. YARD	
	COMPOST	CU. YARD	
	¼ FINES	CU. YARD	
	OVERSIZED STONE	CU. YARD	
	MULCH	CU. YARD	

RECEIVED BY _____

15

South Shore Materials

327 Industrial Loop • Staten Island, New York 10309
718-494-8973 • Fax: 718-477-0887

153664

12-9 20 25

SHIPPED FROM _____

NAME Mammoth

ADDRESS Richmond Valley Rd

TRUCK NO.	DELIVERY	MATERIAL IN	MATERIAL OUT
CRM 1			✓

	SAND	CU. YARD	
	3/4" STONE (REC) (BLUE)	CU. YARD	
	ASPHALT	CU. YARD	
✓	CLEAN FILL (out)	CU. YARD	load
	3/4" BLEND	CU. YARD	
	TOP SOIL/LANDSCAPE MIX	CU. YARD	
	CONCRETE	CU. YARD	
	COMPOST	CU. YARD	
	¼ FINES	CU. YARD	
	OVERSIZED STONE	CU. YARD	
	MULCH	CU. YARD	

RECEIVED BY _____

16

South Shore Materials

327 Industrial Loop • Staten Island, New York 10309
718-494-8973 • Fax: 718-477-0887

153665

12-9 20 25

SHIPPED FROM _____

NAME Mammoth

ADDRESS Richmond Valley RS

TRUCK NO. CRM2	DELIVERY	MATERIAL IN	MATERIAL OUT ✓

	SAND	CU. YARD	
	3/4" STONE (REC) (BLUE)	CU. YARD	
	ASPHALT	CU. YARD	
✓	CLEAN FILL (out)	CU. YARD	load
	3/4" BLEND	CU. YARD	
	TOP SOIL/LANDSCAPE MIX	CU. YARD	
	CONCRETE	CU. YARD	
	COMPOST	CU. YARD	
	¼ FINES	CU. YARD	
	OVERSIZED STONE	CU. YARD	
	MULCH	CU. YARD	

RECEIVED BY _____

17

South Shore Materials

327 Industrial Loop • Staten Island, New York 10309
718-494-8973 • Fax: 718-477-0887

153666

12-9 2025

SHIPPED FROM

NAME Mammoth

ADDRESS Richmond Valley Rd

TRUCK NO.	DELIVERY	MATERIAL IN	MATERIAL OUT
CRM 1			✓

	SAND	CU. YARD	
	3/4" STONE (REC) (BLUE)	CU. YARD	
	ASPHALT	CU. YARD	
✓	CLEAN FILL (OUT)	CU. YARD	load
	3/4" BLEND	CU. YARD	
	TOP SOIL/LANDSCAPE MIX	CU. YARD	
	CONCRETE	CU. YARD	
	COMPOST	CU. YARD	
	¼ FINES	CU. YARD	
	OVERSIZED STONE	CU. YARD	
	MULCH	CU. YARD	

RECEIVED BY

18

South Shore Materials

327 Industrial Loop • Staten Island, New York 10309
718-494-8973 • Fax: 718-477-0887

153667

12-9 20 25

SHIPPED FROM Loop

NAME Mammoth

ADDRESS Richmond Valley RS

TRUCK NO. Dem 2	DELIVERY	MATERIAL IN	MATERIAL OUT

	SAND	CU. YARD	
	3/4" STONE (REC) (BLUE)	CU. YARD	
	ASPHALT	CU. YARD	
✓	CLEAN FILL (out)	CU. YARD	load
	3/4" BLEND	CU. YARD	
	TOP SOIL/LANDSCAPE MIX	CU. YARD	
	CONCRETE	CU. YARD	
	COMPOST	CU. YARD	
	¼ FINES	CU. YARD	
	OVERSIZED STONE	CU. YARD	
	MULCH	CU. YARD	

RECEIVED BY

19

South Shore Materials

327 Industrial Loop • Staten Island, New York 10309
718-494-8973 • Fax: 718-477-0887

153668

12-9 2025

SHIPPED FROM _____

NAME Mammoth

ADDRESS Richmond Valley Rd

TRUCK NO.	DELIVERY	MATERIAL IN	MATERIAL OUT
Okm1			/

	SAND	CU. YARD	
	3/4" STONE (REC) (BLUE)	CU. YARD	
	ASPHALT	CU. YARD	
/	CLEAN FILL (out)	CU. YARD	load
	3/4" BLEND	CU. YARD	
	TOP SOIL/LANDSCAPE MIX	CU. YARD	
	CONCRETE	CU. YARD	
	COMPOST	CU. YARD	
	¼ FINES	CU. YARD	
	OVERSIZED STONE	CU. YARD	
	MULCH	CU. YARD	

RECEIVED BY _____

20

South Shore Materials

327 Industrial Loop • Staten Island, New York 10309
718-494-8973 • Fax: 718-477-0887

153669

12-9 20 25

SHIPPED FROM _____

NAME Mammoth

ADDRESS Richmond Valley Rd

TRUCK NO. CEM 2	DELIVERY	MATERIAL IN	MATERIAL OUT

	SAND	CU. YARD	
	3/4" STONE (REC) (BLUE)	CU. YARD	
	ASPHALT	CU. YARD	
✓	CLEAN FILL (Out)	CU. YARD	load
	3/4" BLEND	CU. YARD	
	TOP SOIL/LANDSCAPE MIX	CU. YARD	
	CONCRETE	CU. YARD	
	COMPOST	CU. YARD	
	¼ FINES	CU. YARD	
	OVERSIZED STONE	CU. YARD	
	MULCH	CU. YARD	

RECEIVED BY

_____

21

South Shore Materials

327 Industrial Loop • Staten Island, New York 10309
718-494-8973 • Fax: 718-477-0887

153672

12-9 20 25

SHIPPED FROM _____

NAME Mammoth

ADDRESS Richmond Valley RS

TRUCK NO. CRM 1	DELIVERY	MATERIAL IN	MATERIAL OUT

	SAND	CU. YARD	
	3/4" STONE (REC) (BLUE)	CU. YARD	
	ASPHALT	CU. YARD	
	CLEAN FILL (out)	CU. YARD	load
	3/4" BLEND	CU. YARD	
	TOP SOIL/LANDSCAPE MIX	CU. YARD	
	CONCRETE	CU. YARD	
	COMPOST	CU. YARD	
	¼ FINES	CU. YARD	
	OVERSIZED STONE	CU. YARD	
	MULCH	CU. YARD	

RECEIVED BY _____

22

South Shore Materials

327 Industrial Loop • Staten Island, New York 10309
718-494-8973 • Fax: 718-477-0887

153674

12-9 2025

SHIPPED FROM _____

NAME Mammoth

ADDRESS Richmond Valley Rd

TRUCK NO. CRM2	DELIVERY	MATERIAL IN	MATERIAL OUT

	SAND	CU. YARD	
	3/4" STONE (REC) (BLUE)	CU. YARD	
	ASPHALT	CU. YARD	
✓	CLEAN FILL (out)	CU. YARD	load
	3/4" BLEND	CU. YARD	
	TOP SOIL/LANDSCAPE MIX	CU. YARD	
	CONCRETE	CU. YARD	
	COMPOST	CU. YARD	
	¼ FINES	CU. YARD	
	OVERSIZED STONE	CU. YARD	
	MULCH	CU. YARD	

RECEIVED BY _____

23

South Shore Materials

327 Industrial Loop • Staten Island, New York 10309
718-494-8973 • Fax: 718-477-0887

153676

12-9 2025

SHIPPED FROM _____

NAME Mammoth

ADDRESS Richmond Valley

TRUCK NO. CRM1	DELIVERY	MATERIAL IN	MATERIAL OUT

	SAND	CU. YARD	
	3/4" STONE (REC) (BLUE)	CU. YARD	
	ASPHALT	CU. YARD	
/	CLEAN FILL (out)	CU. YARD	load
	3/4" BLEND	CU. YARD	
	TOP SOIL/LANDSCAPE MIX	CU. YARD	
	CONCRETE	CU. YARD	
	COMPOST	CU. YARD	
	¼ FINES	CU. YARD	
	OVERSIZED STONE	CU. YARD	
	MULCH	CU. YARD	

RECEIVED BY _____

24

South Shore Materials

327 Industrial Loop • Staten Island, New York 10309
718-494-8973 • Fax: 718-477-0887

153678

12-9 2025

SHIPPED FROM

NAME Mammoth

ADDRESS Richmond Valley

TRUCK NO. dm 2	DELIVERY	MATERIAL IN	MATERIAL OUT

	SAND	CU. YARD	
	3/4" STONE (REC) (BLUE)	CU. YARD	
	ASPHALT	CU. YARD	
	CLEAN FILL (OUT)	CU. YARD	load
	3/4" BLEND	CU. YARD	
	TOP SOIL/LANDSCAPE MIX	CU. YARD	
	CONCRETE	CU. YARD	
	COMPOST	CU. YARD	
	¼ FINES	CU. YARD	
	OVERSIZED STONE	CU. YARD	
	MULCH	CU. YARD	

RECEIVED BY

T/C C

Posillico | We know how.™

Posillico Materials, LLC
1750 New Highway
Farmingdale, NY 11735-1534
P. 631-249-1872
F. 631-777-5640

7/25/2025
6:33:02 AM NYSDOT REQUIRES SPOTTER BEFORE BACKING INTO PAVER.

Customer: 13034	Job:	Truck #	Ticket #
MAMMOTH INC	Phase Code#	VALIANT290	565806

P.O. #: Delivery Out

Product - Name	Mix Code	Amount
3030- ENGINEERED FILL (F2)		25.010 TN

Plant Name: POSILLICO MAT

Received By:_____ Driver Name:_____

DOT#
Location:

DROP #	SCALE	SILO

	TONS	MM
Gross:	38.900	35.289
Tare: (K)	13.890	12.601
Net:	25.010	22.689
Totals:	25.010	22.689

"The following PPE is *REQUIRED* at all times when working outside your truck, Hard hat, reflective vest, eye protection, gloves, work boots and appropriate work attire. No shorts, sleeveless shirts or sneakers. Failure to comply can result in you being removed and banned from site."

APPENDIX N

GCL Specifications

PRODUCT DATA

NO. 732

MasterFormat: 07 17 16

W. R. MEADOWS SEALTIGHT

JUNE 2022
(Supersedes July 2021)

CLAY-TITE™

Waterproofing Membrane

DESCRIPTION

CLAY-TITE is a dual layer waterproofing consisting of virgin HDPE (20 mil), sodium bentonite, and a protective layer consisting of a non-woven polypropylene. The HDPE provides the first layer of waterproofing, while the bentonite's self-sealing capabilities ensure positive puncture protection under hydrostatic conditions. The polypropylene fabric protects the bentonite from direct installation of shotcrete.

USES

Designed for use below-grade, CLAY-TITE is equally effective in installations where the waterproofing is pre-applied prior to pouring of the concrete or when used for standard applications. CLAY-TITE can be used in both vertical and horizontal applications.

FEATURES/BENEFITS

- Provides a tough, durable waterproof seal.
- Self seals under hydrostatic conditions.
- Outstanding performance when used in high water head conditions.
- Can be installed on green or damp surfaces.

PACKAGING

3.5' x 21.5' (1.1 m x 6.6 m) or 75 SF (7 m^2) standard rolls.

STORAGE AND HANDLING

Protect from moisture. Store on skid or pallet; cover with polyethylene or tarp.

APPLICATION

Surface Preparation … Surface must be smooth, sound, and void-free prior to installation of CLAY-TITE. All openings >1" (25.4 mm) must be detailed using plywood, grout, or alternate method to provide a sound substrate. Remove all sharp protrusion greater than 1/4" (6.4 mm)

For areas in which the ground water has a high sodium level (sea water or brackish water), contact W. R. MEADOWS technical services for recommendations. CLAY-TITE HSR from W. R. MEADOWS may be required in this installation. A water test may be needed to determine the suitability of the membrane for use in specific ground conditions.

Detailing … W. R. MEADOWS offers CLAY-TITE MASTIC and CLAY-TITE ADHESIVE for seam laps. CLAY-TITE MASTIC is to be used in situations below the water table or when temperatures are going to be below 40° F (4° C). CLAY-TITE ADHESIVE is to be used when above the water table and temperatures are above 40° F (4° C). In most applications, CLAY-TITE MASTIC is the preferred product.

Blindside Installation … Ensure that surface to be waterproofed is sound and void-free. The use of MEL-DRAIN™ 5035 from W. R. MEADOWS is recommended for all applications. Mechanically attach MEL-DRAIN to soil retention. CLAY-TITE can be installed either vertically or horizontally with the HDPE surface towards the drainage board. Mechanically affix CLAY-TITE across the top every 20" (508 mm). Lap all seams a minimum of 4" (101.6 mm). If installed in the horizontal direction, ensure that seams are shingled in a manner to shed water. All seams should be nailed every 2' (0.6 m) and a staple placed between the nails. Apply CLAY-TITE MASTIC from W. R. MEADOWS over all fasteners. For detailed instructions, refer to CLAY-TITE BLINDSIDE INSTALLATION GUIDELINE available at www.wrmeadows.com.

Backfilled Wall … Install CLAY-TITE with the bentonite side towards the concrete. At the top of the membrane, affix TERMINATION BAR from W. R. MEADOWS. All lap seams must overlap at least 1.5" (38 mm). Make sure to shingle all overlaps to shed water. Mechanically attach all seams at 24" (609.6 mm) on center and apply PMPC TAPE from W. R. MEADOWS on joint. For detailed instructions, refer to CLAY-TITE BACKFILLED WALL INSTALLATION GUIDELINES available at www.wrmeadows.com.

Underslab … CLAY-TITE is designed to act both as a waterproofing and vapor barrier membrane when installed underslab. Place membrane bentonite side up on the mud slab or over compacted sub-grade. Overlap and stagger seams at least 4" (101.6 mm). Protect from flooding prior to pouring of concrete. Refer to ACI 302.1R-04: Chapter 4 – Site Preparation and Placing Environment for sub-grade preparation. For detailed instructions, refer to CLAY-TITE UNDERSLAB INSTALLATION GUIDELINES available at www.wrmeadows.com.

CONTINUED ON REVERSE SIDE …

W. R. MEADOWS, INC.
P.O. Box 338 • HAMPSHIRE, IL 60140-0338
Phone: 847/214-2100 • Fax: 847/683-4544
1-800-342-5976
www.wrmeadows.com

Penetrations and Protrusions … Fill void around penetration with CLAY-TITE GRANULAR PACK from W. R. MEADOWS or CLAY-TITE MASTIC. Trowel CLAY-TITE MASTIC covering the penetration. Using a 6″ (152.4 mm) cut strip of CLAY-TITE, form a collar around the penetration and hold in place with fasteners. Install WATERSTOP EC from W. R. MEADOWS around the penetration.

PRECAUTIONS

CLAY-TITE installation must be confined by a minimum of 24 lb./ft.^{2} (117.2 kg/m^2). Keep CLAY-TITE dry; protect from exposure to the elements. Do not install in areas of ponding water or ice. For installation temperatures below 40° F (4° C), use CLAY-TITE MASTIC in place of CLAY-TITE ADHESIVE. In areas under constant hydrostatic head conditions, all joints and seams are to be detailed using CLAY-TITE MASTIC.

For most current data sheet, further LEED information, and SDS, visit www.wrmeadows.com.

TECHNICAL DATA

Property	Test Method	CLAY-TITE Results
Membrane		White 20-mil Virgin Resin HDPE
Bentonite		Sodium Montmorillonite
Total Thickness		150 Mils
Weight		1 lb./ft.^{2} (4.89 kg/m^2)
Puncture Resistance	ASTM E154, Section 10	170 lb. (77.1 kg)
Tensile Strength, Membrane	ASTM D638	MD: 3660 psi (25.2 MPa) TD: 3650 psi (25.2 MPa)
% Elongation at Break	ASTM D638, Type I dogbone	>700%
Crack Bridging		3/8” (9.6 mm) Crack
Resistance to Hydrostatic Head	ASTM D751, Procedure A	174’ (52.9 m) of water
Water Vapor Permeability	ASTM E96-80	0.53 x 10-13 cm/sec 0.84 ng/ m^2.s.Pa 0.033 Perms (grains/ft.^{2}* hr * inHg)
Toxicity		Low. Do not ingest.
Staining		No known incompatibilities
Chemical Resistance		Extremely high resistance to chemicals and gases.
Freeze/Thaw Cycles		No effect before or after installation.
Installation Temperatures	ASTM D746, ASTM D1238	-40˚ to 150˚ F (-40˚ to 65.5˚ C)

LIMITED WARRANTY

W. R. MEADOWS, INC. warrants at the time and place we make shipment, our material will be of good quality and will conform with our published specifications in force on the date of acceptance of the order. Read complete warranty. Copy furnished upon request.

Disclaimer

The information contained herein is included for illustrative purposes only, and to the best of our knowledge, is accurate and reliable. W. R. MEADOWS, INC. cannot however under any circumstances make any guarantee of results or assume any obligation or liability in connection with the use of this information. As W. R. MEADOWS, INC. has no control over the use to which others may put its product, it is recommended that the products be tested to determine if suitable for specific application and/or our information is valid in a particular circumstance. Responsibility remains with the architect or engineer, contractor and owner for the design, application and proper installation of each product. Specifier and user shall determine the suitability of products for specific application and assume all responsibilities in connection therewith.

© W. R. MEADOWS 2022

APPENDIX O

2025 UST Investigation Report

December 4, 2025

Ms. Marlen Salazar
Assistant Engineer, Division of Environmental Remediation
New York State Department of Environmental Conservation – Section A, Region 2
47-40 21st Street, Long Island City, NY 11101

Re: Nassau Metals OU-2 (V00159)
Underground Storage Tank Investigation Report (November 2025)

Dear Ms. Salazar,

Advanced Site Restoration **(*"ASR"*), *a division of Laurel Environmental Geosciences*** ("***Laurel***") has prepared this Report to summarize work conducted on the Nassau Metals OU-2 project regarding the suspect underground storage tank ("UST") that was reported to the New York State Department of Environmental Conservation ("NYSDEC") on November 4, 2025. All intrusive work described in this report was conducted in conjunction with the approved Corrective Action Work Plan and adhered to all requirements as set forth in the Site Management Plan ("SMP") and Excavation Work Plan ("EWP"). The Site location and work area is shown in Figure 1.0, and a photographic log of the UST investigation is included in Appendix A.

Background Information

On November 4, 2025, during Corrective Actions work being performed at the 286 Richmond Valley Road portion of the Site, a fill pipe and cut vent line were discovered adjoining a concrete staircase. The fill pipe was visually inspected and determined to be filled with dirt. Initially, it was believed that a UST had been previously closed-in-place beneath the stairs, however subsequent investigation showed that the pipes extended beneath the staircase, underneath a wooden deck, and terminated off the southeastern corner of the nearby building. The locations of the fill pipe, vent line, and subsurface piping are shown in Figure 2.0.

Geophysical Survey

On November 10, 2025, ***ASR*** conducted a geophysical survey to determine if any USTs were present in the area where the fill pipes and vent lines terminated. The geophysical survey included the use of a ground penetrating radar ("GPR") unit with dual frequency 300 and 800MHz antennas, magnetometer, and line locating equipment. The equipment was operated in a grid pattern over the area where the fill pipe and vent line were terminated to identify any geophysical anomalies. Additionally, the magnetometer was utilized beneath the accessible areas of the wooden deck to determine if any metallic anomalies were present beneath the deck. The geophysical survey did not identify any USTs, pipes, or other geophysical anomalies in the area scanned. The area covered by the geophysical survey is shown in Figure 3.0.

Advanced Site Restoration •53 W Hills Road, Suite 1, Huntington Station, NY 11746 •phone (631) 673-0612 •fax (631) 427-5323

Soil Sampling

On November 11, 2025, to close the remnants of the tank system in accordance with the NYSDEC Petroleum Bulk Storage ("PBS") regulations, ***ASR*** conducted soil sampling as follows:

- One (1) soil sample was collected from 0 to 6-inches beneath the fill port, which was located over exposed soil (designated "FP").
- One (1) soil sample was collected from 0 to 6-inches beneath the subsurface fill line, at the point of termination (designated "Pipe_End").

All soil samples were transferred under chain of custody ("COC") procedures to York Analytical Laboratories, located in Stratford, Connecticut ("York"). York is enrolled in the New York State Department of Health ("NYSDOH") Environmental Laboratory Approval Program ("ELAP"), ID #10854.

Laboratory Results

The samples were analyzed for target compound list ("TCL") volatile organic compounds ("VOCs") and TCL semi-volatile organic compounds ("SVOCs") by United States Environmental Protection Agency ("USEPA") Methods 8260 and 8270, respectively. The laboratory results were compared against the NYSDEC Part 375 Restricted Use Soil Cleanup Objectives – Commercial ("Commercial SCOs") and the NYSDEC Part 375 Restricted Use Soil Cleanup Objectives – Protection of Groundwater ("Protection of GW SCOs"). The results are presented in the attached Table I, and the laboratory data package is included in Appendix B.

No VOCs were detected in either of the soil samples. Several SVOCs were detected in the soil samples at concentrations below the NYSDEC Part 375 Commercial SCOs and NYSDEC Part 375 Protection of GW SCOs.

Summary Conclusion and Recommendations

Based on the results of this investigation, it has been concluded that the fill port and vent line were associated with a tank that was previously removed from the Site. The remnant subsurface piping was removed from the ground and soil samples were collected in accordance with the NYSDEC PBS regulations. No compounds were detected at concentrations above the applicable NYSDEC Part 375 SCOs.

ASR recommends no further investigation or remedial action as it pertains to the previously removed tank.

Please let us know if you have any questions or need additional information.

Respectfully submitted,

Jamie Burgher
Project Manager, Geologist III

Advanced Site Restoration •53 W Hills Road, Suite 1, Huntington Station, NY 11746 •phone (631) 673-0612 •fax (631) 427-5323

ATTACHMENTS

Table I: Analytes Detected in Soil Samples

Figure 1.0: Site Location and Work Area
Figure 2.0: Site Sketch with UST Details
Figure 3.0: Site Sketch with Geophysical Survey Area

Appendix A: Photograph Log
Appendix B: Laboratory Data Package

Advanced Site Restoration •53 W Hills Road, Suite 1, Huntington Station, NY 11746 •phone (631) 673-0612 •fax (631) 427-5323

TABLES

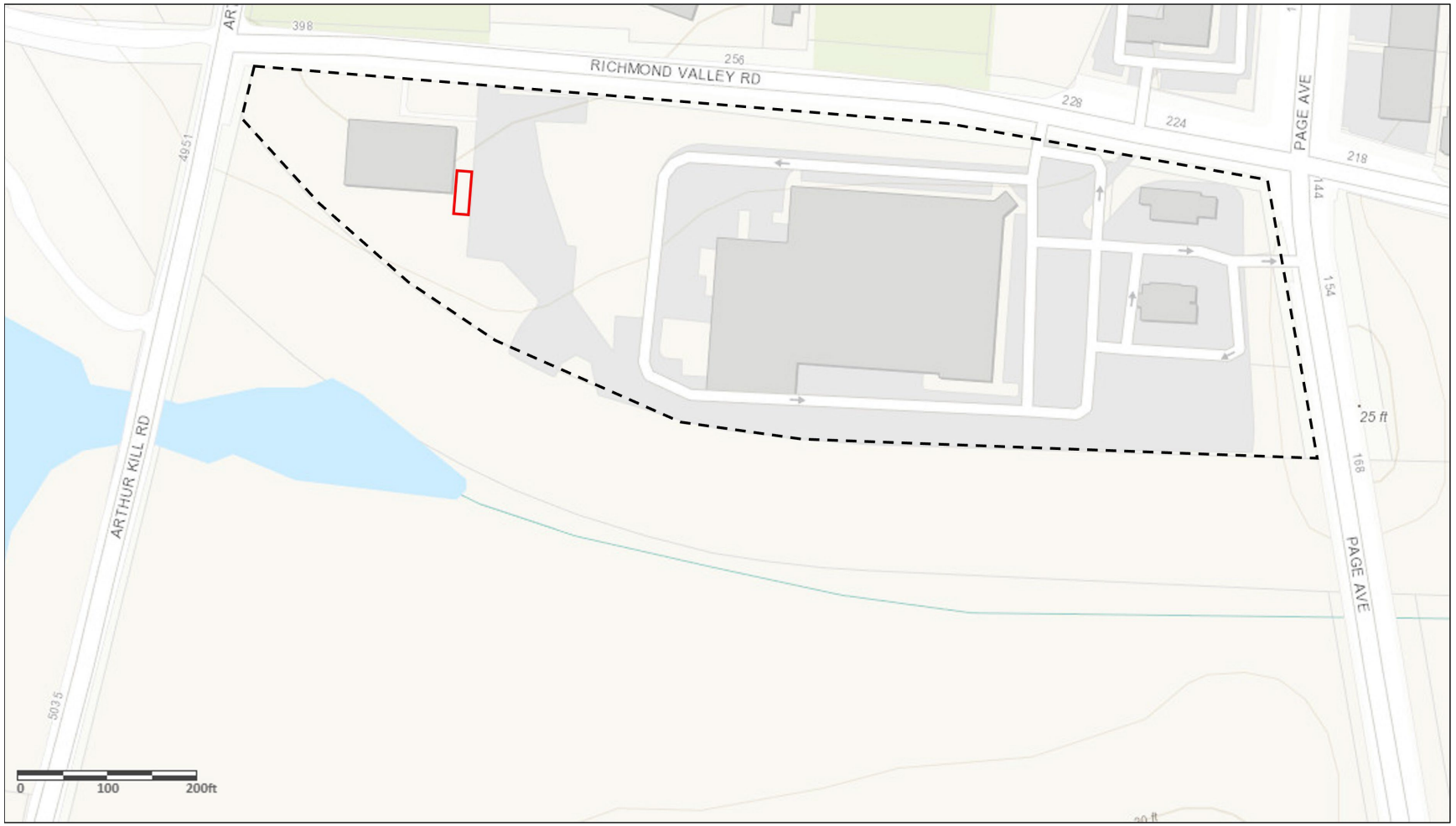
Table I: Analytes Detected in Soil Samples (detected concentrations only)

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Commercial SCOs	NYSDEC Part 375 Protection of GW SCOs	FP 11/11/25 Soil		Pipe_End 11/11/25 Soil	
Compound			Result	Q	Result	Q
VOCs, 8260 TCL	mg/Kg	mg/Kg	mg/Kg		mg/Kg	
Dilution Factor			1		1	
SVOCs, 8270 TCL	mg/Kg	mg/Kg	mg/Kg		mg/Kg	
Dilution Factor			2		2	
Benzo(a)anthracene	5.6	1	0.05	U	0.10	D
Benzo(a)pyrene	1	22	0.05	U	0.09	JD
Benzo(b)fluoranthene	5.6	1.7	0.05	U	0.08	JD
Benzo(g,h,i)perylene	500	1,000	0.05	U	0.05	JD
Benzo(k)fluoranthene	56	1.7	0.05	U	0.08	JD
Chrysene	56	1	0.05	U	0.10	JD
Fluoranthene	500	1,000	0.06	JD	0.19	D
Indeno(1,2,3-cd)pyrene	5.6	8.2	0.05	U	0.06	JD
Phenanthrene	500	1,000	0.05	U	0.12	D
Pyrene	500	1,000	0.06	JD	0.15	D
Total Solids			%		%	
Dilution Factor			1		1	
% Solids	~	~	92		83	

Notes: mg/kg=milligrams per kilogram. Any exceedances of regulatory SCOs are highlighted.

Q is the qualifier column, where D=result is from an analysis that required a dilution, J=analyte detected at or above the method detection limit but below the reporting limit, data is estimated, and U=analyte not detected at or above the level indicated.

FIGURES



ASR
53 West Hills Road
Huntington Station, NY 11746
PHONE: 631-673-0612
FAX: 631-427-5323
WWW.ASKASR.COM

FIGURE 1.0
Site Location and Work Area

Nassau Metals OU-2,
Staten Island, NY.

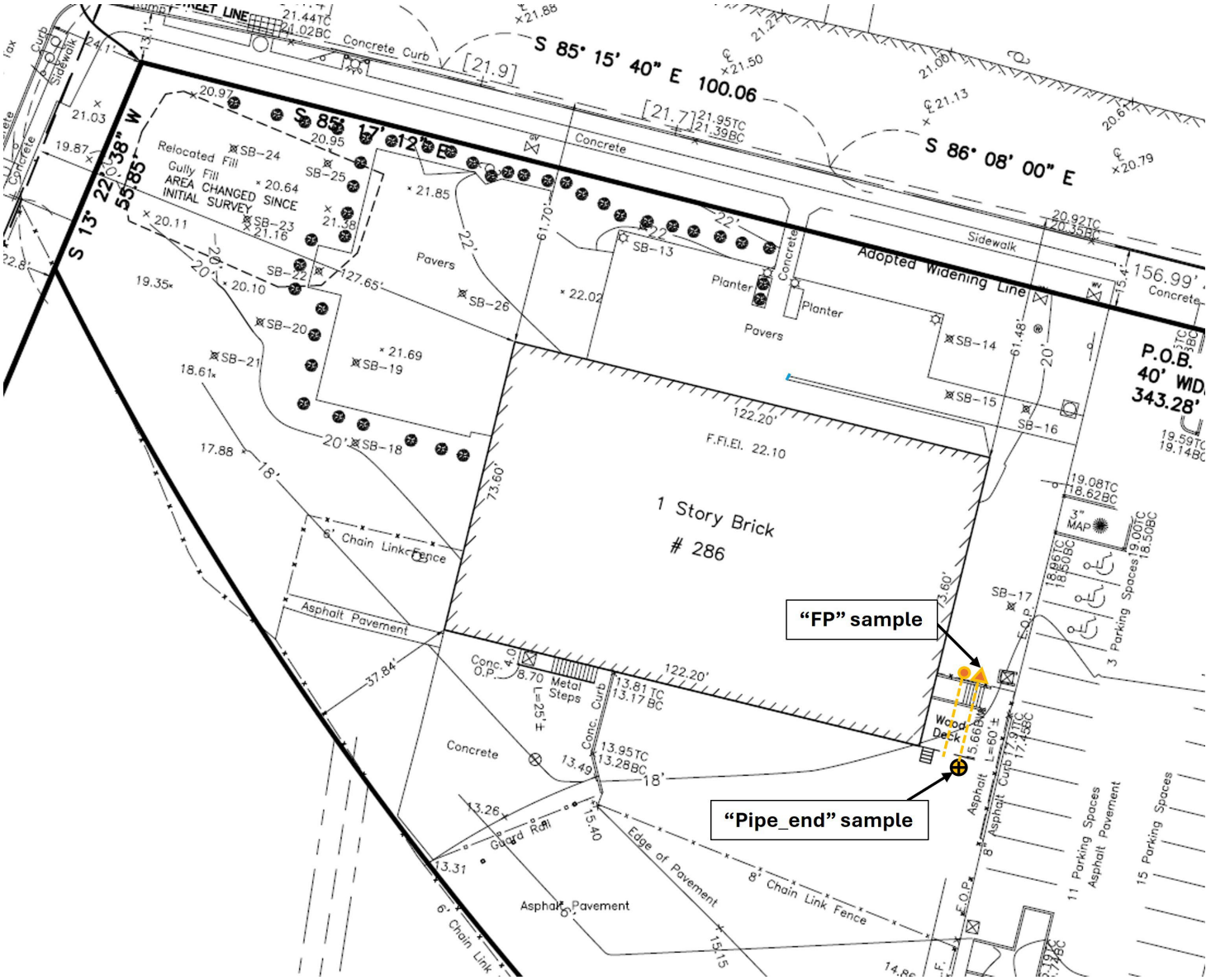
PROJECT: A22-115
DRAWING DATE: 12/2/25
DRAWN BY: JB
CHECKED BY: MC
REVISIONS: N/A

KEY

Site Boundary

Work Area

N
W E
S



ASR

53 West Hills Road
Huntington Station, NY 11746

PHONE: 631-673-0612
FAX: 631-427-5323

WWW.ASKASR.COM

FIGURE 2.0
Site Sketch with UST Details

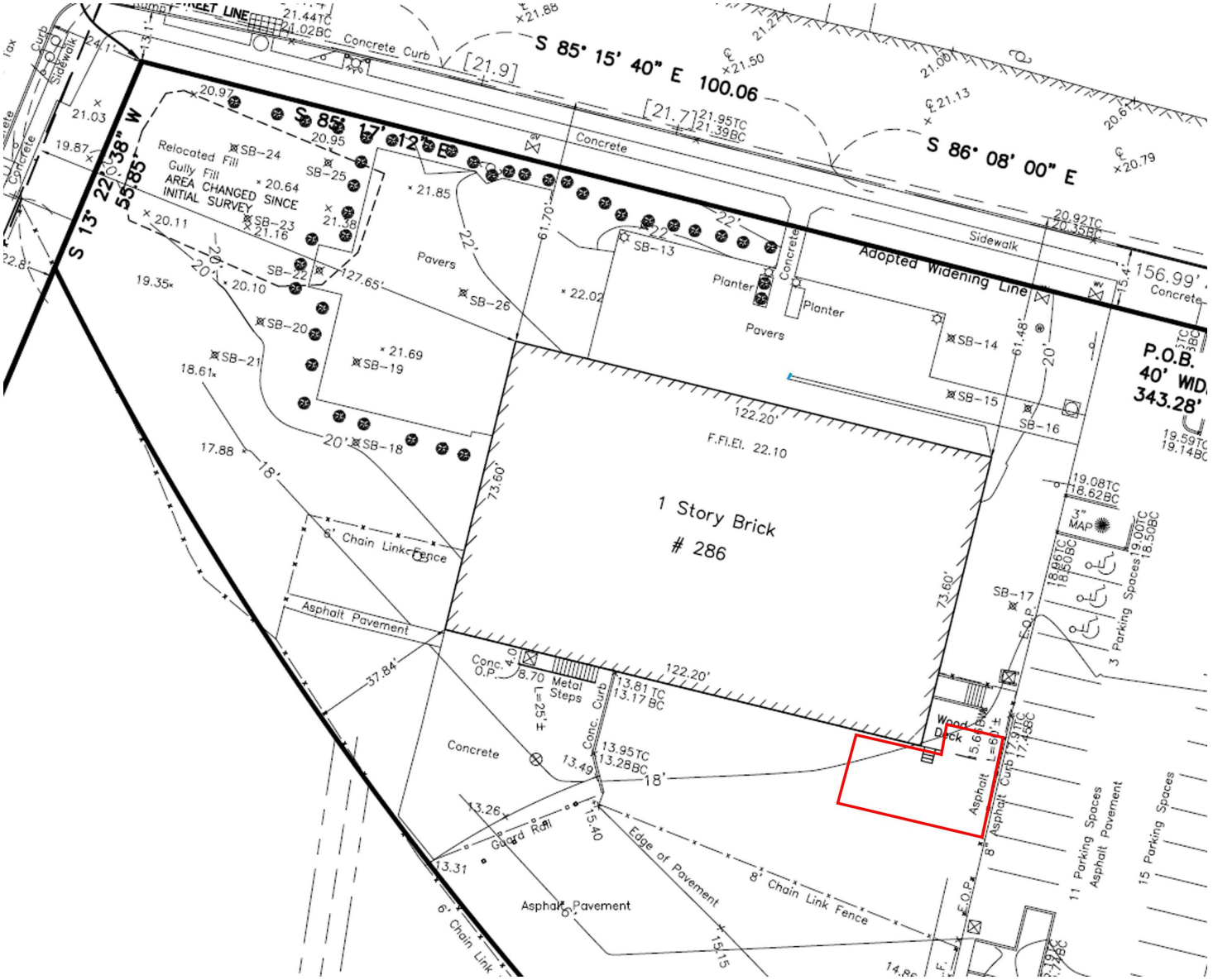
Nassau Metals OU-2,
Staten Island, NY.

PROJECT: A22-115
DRAWING DATE: 12/3/25
DRAWN BY: JB
CHECKED BY: MC
REVISIONS: N/A

KEY

- Site Boundary
- Subsurface Piping
- Fill Port
- Soil Sample
- Vent Line

N
W E
S



ASR

53 West Hills Road
Huntington Station, NY 11746

PHONE: 631-673-0612
FAX: 631-427-5323

WWW.ASKASR.COM

FIGURE 3.0
Site Sketch with Geophysical Survey Area

Nassau Metals OU-2,
Staten Island, NY.

PROJECT: A22-115
DRAWING DATE: 12/3/25
DRAWN BY: JB
CHECKED BY: MC
REVISIONS: N/A

KEY

Site Boundary

Geophysical Survey Area

N
W E
S

APPENDIX A

Photo Log



Photo 1: View of the concrete stairs and fill port (circled), as seen on November 4, 2025



Photo 2: View of the dirt inside of the fill port, as seen on November 4, 2025



Photo 3: View of subsurface fill pipe going underneath the concrete stairs, as seen on November 5, 2025



Photo 4: View of the concrete stairs being removed, as seen on November 6, 2025



Photo 5: View of the subsurface fill pipe after removal, as seen on November 6, 2025



Photo 6: View of a test pit conducted in the area where the fill pipe terminated, as seen on November 6, 2025



Photo 7: View of geophysical survey being conducted, as seen on November 10, 2025



Photo 8: View underneath the wooden deck, as seen on November 10, 2025



Photo 9: View of the sample location beneath the former fill port, as seen on November 11, 2025



Photo 10: View of the sample location beneath the fill pipe termination, as seen on November 11, 2025

APPENDIX B

Laboratory Data Package

Technical Report

prepared for:

Laurel Environmental Geosciences, D.P.C.
53 W Hills Road, Suite 1
Huntington Station NY, 11746
Attention: Scott Yanuck

Report Date: 11/18/2025
Client Project ID: 286 Richmond Valley Road, Staten Island A22-115 JB
York Project (SDG) No.: 25K0612

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

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

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 11/18/2025
Client Project ID: 286 Richmond Valley Road, Staten Island A22-115 JB
York Project (SDG) No.: 25K0612

Laurel Environmental Geosciences, D.P.C.
53 W Hills Road, Suite 1
Huntington Station NY, 11746
Attention: Scott Yanuck

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on November 12, 2025 and listed below. The project was identified as your project: **286 Richmond Valley Road, Staten Island A22-115 JB**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

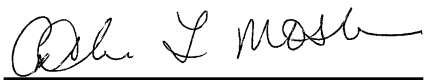
The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
25K0612-01	FP	Soil	11/11/2025	11/12/2025
25K0612-02	Pipe_End	Soil	11/11/2025	11/12/2025

General Notes for York Project (SDG) No.: 25K0612

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

Approved By: 

Cassie L. Mosher
Laboratory Manager - Stratford

Date: 11/18/2025

Sample Information

Client Sample ID: FP

York Sample ID: 25K0612-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0612	286 Richmond Valley Road, Staten Island A22-115 JB	Soil	November 11, 2025 1:00 pm	11/12/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:22	PRS CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:22	PRS CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:22	PRS CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.2	4.3	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:22	PRS CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:22	PRS CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:22	PRS CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.2	4.3	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:22	PRS CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.2	4.3	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:22	PRS NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-6
87-61-6	1,2,3-Trichlorobenzene	ND	QL-02	ug/kg dry	2.2	4.3	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:22	PRS NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-6
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.2	4.3	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:22	PRS NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-6
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:22	PRS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:22	PRS NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-6
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:22	PRS CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.2	4.3	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:22	PRS CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:22	PRS CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:22	PRS CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:22	PRS CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.2	4.3	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:22	PRS CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:22	PRS CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:22	PRS CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.2	4.3	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:22	PRS NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-6
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:22	PRS CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP

Sample Information

Client Sample ID: FP **York Sample ID:** 25K0612-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0612	286 Richmond Valley Road, Staten Island A22-115 JB	Soil	November 11, 2025 1:00 pm	11/12/2025

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.2	4.3	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:22	PRS NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68
78-93-3	2-Butanone	ND		ug/kg dry	2.2	4.3	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:22	PRS CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
110-75-8	2-Chloroethylvinyl ether	ND	CCVE	ug/kg dry	8.6	17	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:22	PRS NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.2	4.3	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:22	PRS CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
591-78-6	2-Hexanone	ND		ug/kg dry	2.2	4.3	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:22	PRS CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.2	4.3	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:22	PRS CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.2	4.3	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:22	PRS CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
67-64-1	Acetone	ND		ug/kg dry	4.3	8.6	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:22	PRS CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
107-02-8	Acrolein	ND		ug/kg dry	4.3	8.6	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:22	PRS CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
107-13-1	Acrylonitrile	ND		ug/kg dry	2.2	4.3	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:22	PRS CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
71-43-2	Benzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:22	PRS CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
108-86-1	Bromobenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:22	PRS NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68
74-97-5	Bromochloromethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:22	PRS NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:22	PRS CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
75-25-2	Bromoform	ND		ug/kg dry	2.2	4.3	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:22	PRS CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
74-83-9	Bromomethane	ND	CAL-E	ug/kg dry	2.2	4.3	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:22	PRS CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
75-15-0	Carbon disulfide	ND		ug/kg dry	2.2	4.3	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:22	PRS CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.2	4.3	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:22	PRS CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
108-90-7	Chlorobenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:22	PRS CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
75-00-3	Chloroethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:22	PRS CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
67-66-3	Chloroform	ND		ug/kg dry	2.2	4.3	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:22	PRS CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
74-87-3	Chloromethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:22	PRS CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.3	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:22	PRS CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP

Sample Information

Client Sample ID: FP **York Sample ID:** 25K0612-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0612	286 Richmond Valley Road, Staten Island A22-115 JB	Soil	November 11, 2025 1:00 pm	11/12/2025

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.3	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:22	PRS CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
110-82-7	Cyclohexane	ND		ug/kg dry	2.2	4.3	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:22	PRS NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:22	PRS NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68
74-95-3	Dibromomethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:22	PRS NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:22	PRS NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68
108-20-3	* Diisopropyl ether (DIPE)	ND		ug/kg dry	3.4	6.9	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:22	PRS
64-17-5	* Ethanol	ND		ug/kg dry	34	69	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:22	PRS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:22	PRS CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		ug/kg dry	3.4	6.9	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:22	PRS
87-68-3	Hexachlorobutadiene	ND	QL-02	ug/kg dry	2.2	4.3	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:22	PRS NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68
74-88-4	* Iodomethane	ND	ICVE	ug/kg dry	2.2	4.3	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:22	PRS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:22	PRS CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
79-20-9	Methyl acetate	ND		ug/kg dry	2.2	4.3	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:22	PRS NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68
80-62-6	Methyl Methacrylate	ND		ug/kg dry	2.2	4.3	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:22	PRS NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.2	4.3	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:22	PRS CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.2	4.3	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:22	PRS NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68
75-09-2	* Methylene chloride	ND		ug/kg dry	4.3	8.6	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:22	PRS CTDPH-PH-0840
91-20-3	Naphthalene	ND	QL-02, CCVE	ug/kg dry	2.2	8.6	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:22	PRS NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68
104-51-8	n-Butylbenzene	ND	QL-02, ICVE	ug/kg dry	2.2	4.3	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:22	PRS CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:22	PRS CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
95-47-6	o-Xylene	ND		ug/kg dry	2.2	4.3	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:22	PRS CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.3	8.6	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:22	PRS CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP
105-05-5	* p-Diethylbenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:22	PRS

Sample Information

Client Sample ID: FP **York Sample ID:** 25K0612-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0612	286 Richmond Valley Road, Staten Island A22-115 JB	Soil	November 11, 2025 1:00 pm	11/12/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
622-96-8	* p-Ethyltoluene	ND		ug/kg dry	2.2	4.3	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:22	PRS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.2	4.3	1	EPA 8260D Certifications:	11/18/2025 07:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	11/18/2025 12:22	PRS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260D Certifications:	11/18/2025 07:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	11/18/2025 12:22	PRS
100-42-5	Styrene	ND		ug/kg dry	2.2	4.3	1	EPA 8260D Certifications:	11/18/2025 07:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	11/18/2025 12:22	PRS
75-85-4	* tert-Amyl alcohol (TAA)	ND		ug/kg dry	34	69	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:22	PRS
994-05-8	* tert-Amyl methyl ether (TAME)	ND		ug/kg dry	3.4	6.9	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:22	PRS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	11	22	1	EPA 8260D Certifications:	11/18/2025 07:00 NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68	11/18/2025 12:22	PRS
98-06-6	tert-Butylbenzene	ND	QL-02	ug/kg dry	2.2	4.3	1	EPA 8260D Certifications:	11/18/2025 07:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	11/18/2025 12:22	PRS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.2	4.3	1	EPA 8260D Certifications:	11/18/2025 07:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	11/18/2025 12:22	PRS
109-99-9	* Tetrahydrofuran	ND		ug/kg dry	4.3	8.6	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:22	PRS
108-88-3	Toluene	ND		ug/kg dry	2.2	4.3	1	EPA 8260D Certifications:	11/18/2025 07:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	11/18/2025 12:22	PRS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.3	1	EPA 8260D Certifications:	11/18/2025 07:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	11/18/2025 12:22	PRS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.3	1	EPA 8260D Certifications:	11/18/2025 07:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	11/18/2025 12:22	PRS
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.2	4.3	1	EPA 8260D Certifications:	11/18/2025 07:00 CTDPH-PH-0840	11/18/2025 12:22	PRS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.2	4.3	1	EPA 8260D Certifications:	11/18/2025 07:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	11/18/2025 12:22	PRS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260D Certifications:	11/18/2025 07:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	11/18/2025 12:22	PRS
108-05-4	Vinyl acetate	ND		ug/kg dry	2.2	4.3	1	EPA 8260D Certifications:	11/18/2025 07:00 NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68	11/18/2025 12:22	PRS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.2	4.3	1	EPA 8260D Certifications:	11/18/2025 07:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	11/18/2025 12:22	PRS
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.5	13	1	EPA 8260D Certifications:	11/18/2025 07:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	11/18/2025 12:22	PRS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*100 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.5 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*111 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: FP **York Sample ID:** 25K0612-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0612	286 Richmond Valley Road, Staten Island A22-115 JB	Soil	November 11, 2025 1:00 pm	11/12/2025

Sample Prepared by 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	45.1	90.0	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:08 NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	AK
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	90.0	180	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:08 NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	AK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	45.1	90.0	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:08 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	45.1	90.0	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:08 NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	AK
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	45.1	90.0	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:08 NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	AK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	45.1	90.0	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:08 NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	AK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	45.1	90.0	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:08 NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	AK
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	90.0	180	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:08 NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	AK
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	45.1	90.0	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:08 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	45.1	90.0	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:08 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	45.1	90.0	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:08 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
105-67-9	2,4-Dimethylphenol	ND	CCVE	ug/kg dry	45.1	90.0	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:08 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/kg dry	90.0	180	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:08 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	45.1	90.0	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:08 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	45.1	90.0	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:08 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	45.1	90.0	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:08 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
95-57-8	2-Chlorophenol	ND		ug/kg dry	45.1	90.0	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:08 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	45.1	90.0	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:08 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
95-48-7	2-Methylphenol	ND		ug/kg dry	45.1	90.0	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:08 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
88-74-4	2-Nitroaniline	ND		ug/kg dry	90.0	180	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:08 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
88-75-5	2-Nitrophenol	ND		ug/kg dry	45.1	90.0	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:08 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
65794-96-9	* 3- & 4-Methylphenols	ND		ug/kg dry	45.1	90.0	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:08 CTDPH-PH-0840	AK
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	45.1	90.0	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:08 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
99-09-2	3-Nitroaniline	ND		ug/kg dry	90.0	180	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:08 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK

Sample Information

Client Sample ID: FP

York Sample ID: 25K0612-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0612	286 Richmond Valley Road, Staten Island A22-115 JB	Soil	November 11, 2025 1:00 pm	11/12/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/kg dry	90.0	180	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:08	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	45.1	90.0	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:08	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	45.1	90.0	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:08	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
106-47-8	4-Chloroaniline	ND		ug/kg dry	45.1	90.0	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:08	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	45.1	90.0	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:08	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
100-01-6	4-Nitroaniline	ND		ug/kg dry	90.0	180	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:08	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
100-02-7	4-Nitrophenol	ND		ug/kg dry	90.0	180	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:08	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
83-32-9	Acenaphthene	ND		ug/kg dry	45.1	90.0	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:08	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
208-96-8	Acenaphthylene	ND		ug/kg dry	45.1	90.0	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:08	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
98-86-2	Acetophenone	ND		ug/kg dry	45.1	90.0	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:08	AK NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
62-53-3	Aniline	ND		ug/kg dry	180	360	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:08	AK NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
120-12-7	Anthracene	ND		ug/kg dry	45.1	90.0	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:08	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
1912-24-9	Atrazine	ND		ug/kg dry	45.1	90.0	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:08	AK NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
100-52-7	Benzaldehyde	ND	CAL-E, CCVE	ug/kg dry	45.1	90.0	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:08	AK NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
92-87-5	Benzidine	ND		ug/kg dry	180	360	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:08	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	45.1	90.0	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:08	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	45.1	90.0	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:08	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	45.1	90.0	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:08	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	45.1	90.0	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:08	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	45.1	90.0	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:08	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
65-85-0	Benzoic acid	ND	CAL-E, CCVE	ug/kg dry	45.1	90.0	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:08	AK NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
100-51-6	Benzyl alcohol	ND		ug/kg dry	45.1	90.0	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:08	AK NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	45.1	90.0	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:08	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1

Sample Information

Client Sample ID: FP **York Sample ID:** 25K0612-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0612	286 Richmond Valley Road, Staten Island A22-115 JB	Soil	November 11, 2025 1:00 pm	11/12/2025

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND	CCVE	ug/kg dry	45.1	90.0	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:08	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
111-44-4	Bis(2-chloroethyl)ether	ND	CCVE	ug/kg dry	45.1	90.0	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:08	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	ug/kg dry	45.1	90.0	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:08	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	45.1	90.0	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:08	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
105-60-2	Caprolactam	ND	CAL-E	ug/kg dry	90.0	180	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:08	AK NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
86-74-8	Carbazole	ND		ug/kg dry	45.1	90.0	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:08	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
218-01-9	Chrysene	ND		ug/kg dry	45.1	90.0	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:08	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	45.1	90.0	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:08	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
132-64-9	Dibenzofuran	ND		ug/kg dry	45.1	90.0	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:08	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
84-66-2	Diethyl phthalate	ND		ug/kg dry	45.1	90.0	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:08	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
131-11-3	Dimethyl phthalate	ND		ug/kg dry	45.1	90.0	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:08	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	45.1	90.0	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:08	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	45.1	90.0	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:08	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
206-44-0	**Fluoranthene**	**57.6**	J	ug/kg dry	45.1	90.0	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:08	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
86-73-7	Fluorene	ND		ug/kg dry	45.1	90.0	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:08	AK NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
118-74-1	Hexachlorobenzene	ND		ug/kg dry	45.1	90.0	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:08	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	45.1	90.0	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:08	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	45.1	90.0	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:08	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
67-72-1	Hexachloroethane	ND		ug/kg dry	45.1	90.0	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:08	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	45.1	90.0	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:08	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
78-59-1	Isophorone	ND		ug/kg dry	45.1	90.0	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:08	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
91-20-3	Naphthalene	ND		ug/kg dry	45.1	90.0	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:08	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
98-95-3	Nitrobenzene	ND		ug/kg dry	45.1	90.0	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:08	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1

Sample Information

Client Sample ID: FP **York Sample ID:** 25K0612-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0612	286 Richmond Valley Road, Staten Island A22-115 JB	Soil	November 11, 2025 1:00 pm	11/12/2025

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND	CCVE	ug/kg dry	45.1	90.0	2	EPA 8270E	11/17/2025 08:52	11/18/2025 00:08	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	45.1	90.0	2	EPA 8270E	11/17/2025 08:52	11/18/2025 00:08	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	45.1	90.0	2	EPA 8270E	11/17/2025 08:52	11/18/2025 00:08	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		
87-86-5	Pentachlorophenol	ND		ug/kg dry	45.1	90.0	2	EPA 8270E	11/17/2025 08:52	11/18/2025 00:08	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		
85-01-8	Phenanthrene	ND		ug/kg dry	45.1	90.0	2	EPA 8270E	11/17/2025 08:52	11/18/2025 00:08	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		
108-95-2	Phenol	ND		ug/kg dry	45.1	90.0	2	EPA 8270E	11/17/2025 08:52	11/18/2025 00:08	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		
129-00-0	**Pyrene**	**57.6**	J	ug/kg dry	45.1	90.0	2	EPA 8270E	11/17/2025 08:52	11/18/2025 00:08	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		
110-86-1	Pyridine	ND	CCVE	ug/kg dry	180	360	2	EPA 8270E	11/17/2025 08:52	11/18/2025 00:08	AK
								Certifications:	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*32.6 %*		*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*34.7 %*		*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*35.7 %*		*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*36.7 %*		*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*8.44 %*	S-08	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*41.2 %*		*24-116*

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**92.3**		%	0.100	1	SM 2540G	11/14/2025 08:41	11/14/2025 14:35	CD
							Certifications:	CTDPH-PH-0840		

Sample Information

Client Sample ID: Pipe_End **York Sample ID:** 25K0612-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0612	286 Richmond Valley Road, Staten Island A22-115 JB	Soil	November 11, 2025 1:30 pm	11/12/2025

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

Sample Information

Client Sample ID: Pipe_End **York Sample ID:** 25K0612-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0612	286 Richmond Valley Road, Staten Island A22-115 JB	Soil	November 11, 2025 1:30 pm	11/12/2025

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	PRS
71-55-6	1,1,1-Trichloroethane	ND	IS-LO	ug/kg dry	2.6	5.2	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	PRS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	PRS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	IS-LO	ug/kg dry	2.6	5.2	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	PRS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	PRS
75-34-3	1,1-Dichloroethane	ND	IS-LO	ug/kg dry	2.6	5.2	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	PRS
75-35-4	1,1-Dichloroethylene	ND	IS-LO	ug/kg dry	2.6	5.2	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	PRS
563-58-6	1,1-Dichloropropylene	ND	IS-LO	ug/kg dry	2.6	5.2	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51 NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68	PRS
87-61-6	1,2,3-Trichlorobenzene	ND	QL-02	ug/kg dry	2.6	5.2	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51 NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68	PRS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51 NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68	PRS
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51	PRS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51 NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68	PRS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	PRS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	PRS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	PRS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	PRS
107-06-2	1,2-Dichloroethane	ND	IS-LO	ug/kg dry	2.6	5.2	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	PRS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	PRS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	PRS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	PRS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51 NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68	PRS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	PRS
594-20-7	2,2-Dichloropropane	ND	IS-LO	ug/kg dry	2.6	5.2	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51 NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68	PRS
78-93-3	2-Butanone	ND	IS-LO	ug/kg dry	2.6	5.2	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	PRS

Sample Information

Client Sample ID: Pipe_End **York Sample ID:** 25K0612-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0612	286 Richmond Valley Road, Staten Island A22-115 JB	Soil	November 11, 2025 1:30 pm	11/12/2025

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-75-8	2-Chloroethylvinyl ether	ND	CCVE	ug/kg dry	10	21	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51	PRS NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-6
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51	PRS CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
591-78-6	2-Hexanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51	PRS CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51	PRS CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51	PRS CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
67-64-1	Acetone	ND	IS-LO	ug/kg dry	5.2	10	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51	PRS CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
107-02-8	Acrolein	ND	IS-LO	ug/kg dry	5.2	10	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51	PRS CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
107-13-1	Acrylonitrile	ND	IS-LO	ug/kg dry	2.6	5.2	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51	PRS CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
71-43-2	Benzene	ND	IS-LO	ug/kg dry	2.6	5.2	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51	PRS CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
108-86-1	Bromobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51	PRS NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-6
74-97-5	Bromochloromethane	ND	IS-LO	ug/kg dry	2.6	5.2	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51	PRS NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-6
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51	PRS CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.2	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51	PRS CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
74-83-9	Bromomethane	ND	CAL-E, IS-LO	ug/kg dry	2.6	5.2	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51	PRS CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
75-15-0	Carbon disulfide	ND	IS-LO	ug/kg dry	2.6	5.2	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51	PRS CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
56-23-5	Carbon tetrachloride	ND	IS-LO	ug/kg dry	2.6	5.2	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51	PRS CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51	PRS CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
75-00-3	Chloroethane	ND	IS-LO	ug/kg dry	2.6	5.2	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51	PRS CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
67-66-3	Chloroform	ND	IS-LO	ug/kg dry	2.6	5.2	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51	PRS CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
74-87-3	Chloromethane	ND	IS-LO	ug/kg dry	2.6	5.2	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51	PRS CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
156-59-2	cis-1,2-Dichloroethylene	ND	IS-LO	ug/kg dry	2.6	5.2	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51	PRS CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51	PRS CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
110-82-7	Cyclohexane	ND	IS-LO	ug/kg dry	2.6	5.2	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51	PRS NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-6

Sample Information

Client Sample ID: Pipe_End **York Sample ID:** 25K0612-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0612	286 Richmond Valley Road, Staten Island A22-115 JB	Soil	November 11, 2025 1:30 pm	11/12/2025

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51 NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68	PRS
74-95-3	Dibromomethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51 NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68	PRS
75-71-8	Dichlorodifluoromethane	ND	IS-LO	ug/kg dry	2.6	5.2	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51 NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68	PRS
108-20-3	* Diisopropyl ether (DIPE)	ND	IS-LO	ug/kg dry	4.1	8.2	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51	PRS
64-17-5	* Ethanol	ND	IS-LO	ug/kg dry	41	82	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51	PRS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	PRS
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND	IS-LO	ug/kg dry	4.1	8.2	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51	PRS
87-68-3	Hexachlorobutadiene	ND	QL-02	ug/kg dry	2.6	5.2	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51 NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68	PRS
74-88-4	* Iodomethane	ND	ICVE, IS-LO	ug/kg dry	2.6	5.2	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51	PRS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	PRS
79-20-9	Methyl acetate	ND	IS-LO	ug/kg dry	2.6	5.2	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51 NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68	PRS
80-62-6	Methyl Methacrylate	ND		ug/kg dry	2.6	5.2	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51 NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68	PRS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	IS-LO	ug/kg dry	2.6	5.2	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	PRS
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.6	5.2	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51 NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68	PRS
75-09-2	* Methylene chloride	ND	IS-LO	ug/kg dry	5.2	10	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51 CTDPH-PH-0840	PRS
91-20-3	Naphthalene	ND	QL-02, CCVE	ug/kg dry	2.6	10	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51 NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68	PRS
104-51-8	n-Butylbenzene	ND	QL-02, ICVE	ug/kg dry	2.6	5.2	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	PRS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	PRS
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP	PRS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.2	10	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP	PRS
105-05-5	* p-Diethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51	PRS
622-96-8	* p-Ethyltoluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51	PRS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	PRS

Sample Information

Client Sample ID: Pipe_End **York Sample ID:** 25K0612-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0612	286 Richmond Valley Road, Staten Island A22-115 JB	Soil	November 11, 2025 1:30 pm	11/12/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	PRS
100-42-5	Styrene	ND		ug/kg dry	2.6	5.2	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	PRS
75-85-4	* tert-Amyl alcohol (TAA)	ND	IS-LO	ug/kg dry	41	82	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51	PRS
994-05-8	* tert-Amyl methyl ether (TAME)	ND	IS-LO	ug/kg dry	4.1	8.2	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51	PRS
75-65-0	tert-Butyl alcohol (TBA)	ND	IS-LO	ug/kg dry	13	26	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51 NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-6	PRS
98-06-6	tert-Butylbenzene	ND	QL-02	ug/kg dry	2.6	5.2	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	PRS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	PRS
109-99-9	* Tetrahydrofuran	ND	IS-LO	ug/kg dry	5.2	10	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51	PRS
108-88-3	Toluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	PRS
156-60-5	trans-1,2-Dichloroethylene	ND	IS-LO	ug/kg dry	2.6	5.2	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	PRS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	PRS
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.6	5.2	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51 CTDPH-PH-0840	PRS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	PRS
75-69-4	Trichlorofluoromethane	ND	IS-LO	ug/kg dry	2.6	5.2	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	PRS
108-05-4	Vinyl acetate	ND	IS-LO	ug/kg dry	2.6	5.2	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51 NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-6	PRS
75-01-4	Vinyl Chloride	ND	IS-LO	ug/kg dry	2.6	5.2	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	PRS
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.7	15	1	EPA 8260D Certifications:	11/18/2025 07:00	11/18/2025 12:51 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	PRS

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	IS-LO	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*103 %*		*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*115 %*		*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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

Sample Information

Client Sample ID: Pipe_End **York Sample ID:** 25K0612-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0612	286 Richmond Valley Road, Staten Island A22-115 JB	Soil	November 11, 2025 1:30 pm	11/12/2025

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	50.1	99.9	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:38 NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	AK
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	99.9	199	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:38 NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	AK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	50.1	99.9	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:38 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	50.1	99.9	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:38 NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	AK
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	50.1	99.9	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:38 NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	AK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	50.1	99.9	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:38 NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	AK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	50.1	99.9	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:38 NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	AK
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	99.9	199	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:38 NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854	AK
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	50.1	99.9	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:38 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	50.1	99.9	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:38 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	50.1	99.9	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:38 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
105-67-9	2,4-Dimethylphenol	ND	CCVE	ug/kg dry	50.1	99.9	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:38 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/kg dry	99.9	199	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:38 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	50.1	99.9	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:38 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	50.1	99.9	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:38 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	50.1	99.9	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:38 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
95-57-8	2-Chlorophenol	ND		ug/kg dry	50.1	99.9	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:38 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	50.1	99.9	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:38 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
95-48-7	2-Methylphenol	ND		ug/kg dry	50.1	99.9	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:38 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
88-74-4	2-Nitroaniline	ND		ug/kg dry	99.9	199	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:38 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
88-75-5	2-Nitrophenol	ND		ug/kg dry	50.1	99.9	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:38 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK
65794-96-9	* 3- & 4-Methylphenols	ND		ug/kg dry	50.1	99.9	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:38 CTDPH-PH-0840	AK
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	50.1	99.9	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:38 CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1	AK

Sample Information

Client Sample ID: **Pipe_End** **York Sample ID:** **25K0612-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0612	286 Richmond Valley Road, Staten Island A22-115 JB	Soil	November 11, 2025 1:30 pm	11/12/2025

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		ug/kg dry	99.9	199	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:38	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/kg dry	99.9	199	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:38	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	50.1	99.9	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:38	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	50.1	99.9	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:38	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
106-47-8	4-Chloroaniline	ND		ug/kg dry	50.1	99.9	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:38	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	50.1	99.9	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:38	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
100-01-6	4-Nitroaniline	ND		ug/kg dry	99.9	199	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:38	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
100-02-7	4-Nitrophenol	ND		ug/kg dry	99.9	199	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:38	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
83-32-9	Acenaphthene	ND		ug/kg dry	50.1	99.9	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:38	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
208-96-8	Acenaphthylene	ND		ug/kg dry	50.1	99.9	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:38	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
98-86-2	Acetophenone	ND		ug/kg dry	50.1	99.9	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:38	AK NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
62-53-3	Aniline	ND		ug/kg dry	200	400	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:38	AK NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
120-12-7	Anthracene	ND		ug/kg dry	50.1	99.9	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:38	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
1912-24-9	Atrazine	ND		ug/kg dry	50.1	99.9	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:38	AK NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
100-52-7	Benzaldehyde	ND	CAL-E, CCVE	ug/kg dry	50.1	99.9	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:38	AK NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
92-87-5	Benzidine	ND		ug/kg dry	200	400	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:38	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
56-55-3	**Benzo(a)anthracene**	**102**		ug/kg dry	50.1	99.9	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:38	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
50-32-8	**Benzo(a)pyrene**	**86.2**	J	ug/kg dry	50.1	99.9	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:38	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
205-99-2	**Benzo(b)fluoranthene**	**79.0**	J	ug/kg dry	50.1	99.9	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:38	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
191-24-2	**Benzo(g,h,i)perylene**	**52.7**	J	ug/kg dry	50.1	99.9	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:38	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
207-08-9	**Benzo(k)fluoranthene**	**75.0**	J	ug/kg dry	50.1	99.9	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:38	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
65-85-0	Benzoic acid	ND	CAL-E, CCVE	ug/kg dry	50.1	99.9	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:38	AK NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
100-51-6	Benzyl alcohol	ND		ug/kg dry	50.1	99.9	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:38	AK NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854

Sample Information

Client Sample ID: Pipe_End **York Sample ID:** 25K0612-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0612	286 Richmond Valley Road, Staten Island A22-115 JB	Soil	November 11, 2025 1:30 pm	11/12/2025

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	50.1	99.9	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:38	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
111-91-1	Bis(2-chloroethoxy)methane	ND	CCVE	ug/kg dry	50.1	99.9	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:38	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
111-44-4	Bis(2-chloroethyl)ether	ND	CCVE	ug/kg dry	50.1	99.9	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:38	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	ug/kg dry	50.1	99.9	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:38	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	50.1	99.9	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:38	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
105-60-2	Caprolactam	ND	CAL-E	ug/kg dry	99.9	199	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:38	AK NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
86-74-8	Carbazole	ND		ug/kg dry	50.1	99.9	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:38	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
218-01-9	**Chrysene**	**99.8**	J	ug/kg dry	50.1	99.9	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:38	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	50.1	99.9	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:38	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
132-64-9	Dibenzofuran	ND		ug/kg dry	50.1	99.9	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:38	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
84-66-2	Diethyl phthalate	ND		ug/kg dry	50.1	99.9	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:38	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
131-11-3	Dimethyl phthalate	ND		ug/kg dry	50.1	99.9	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:38	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	50.1	99.9	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:38	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	50.1	99.9	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:38	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
206-44-0	**Fluoranthene**	**185**		ug/kg dry	50.1	99.9	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:38	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
86-73-7	Fluorene	ND		ug/kg dry	50.1	99.9	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:38	AK NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
118-74-1	Hexachlorobenzene	ND		ug/kg dry	50.1	99.9	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:38	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	50.1	99.9	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:38	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	50.1	99.9	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:38	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
67-72-1	Hexachloroethane	ND		ug/kg dry	50.1	99.9	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:38	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
193-39-5	**Indeno(1,2,3-cd)pyrene**	**60.7**	J	ug/kg dry	50.1	99.9	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:38	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
78-59-1	Isophorone	ND		ug/kg dry	50.1	99.9	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:38	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
91-20-3	Naphthalene	ND		ug/kg dry	50.1	99.9	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:38	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1

Sample Information

Client Sample ID: Pipe_End **York Sample ID:** 25K0612-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25K0612	286 Richmond Valley Road, Staten Island A22-115 JB	Soil	November 11, 2025 1:30 pm	11/12/2025

SVOA, 8270 MASTER

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		ug/kg dry	50.1	99.9	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:38	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
62-75-9	N-Nitrosodimethylamine	ND	CCVE	ug/kg dry	50.1	99.9	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:38	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	50.1	99.9	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:38	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	50.1	99.9	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:38	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
87-86-5	Pentachlorophenol	ND		ug/kg dry	50.1	99.9	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:38	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
85-01-8	**Phenanthrene**	**116**		ug/kg dry	50.1	99.9	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:38	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
108-95-2	Phenol	ND		ug/kg dry	50.1	99.9	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:38	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
129-00-0	**Pyrene**	**152**		ug/kg dry	50.1	99.9	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:38	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1
110-86-1	Pyridine	ND	CCVE	ug/kg dry	200	400	2	EPA 8270E Certifications:	11/17/2025 08:52	11/18/2025 00:38	AK CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY1

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*32.9 %*		*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*27.8 %*		*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*35.4 %*		*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*29.7 %*		*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*9.40 %*	S-08	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*33.9 %*		*24-116*

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**83.2**		%	0.100	1	SM 2540G Certifications:	11/14/2025 08:41 CTDPH-PH-0840	11/14/2025 14:35	CD

Analytical Batch Summary

Batch ID: BK50888 **Preparation Method:** % Solids Prep **Prepared By:** CAD

YORK Sample ID	Client Sample ID	Preparation Date
25K0612-01	FP	11/14/25
25K0612-02	Pipe_End	11/14/25

Batch ID: BK51007 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
25K0612-01	FP	11/17/25
25K0612-02	Pipe_End	11/17/25
BK51007-BLK1	Blank	11/17/25
BK51007-BS1	LCS	11/17/25

Batch ID: BK51096 **Preparation Method:** EPA 5035A **Prepared By:** PRS

YORK Sample ID	Client Sample ID	Preparation Date
25K0612-01	FP	11/18/25
25K0612-02	Pipe_End	11/18/25
BK51096-BLK1	Blank	11/18/25
BK51096-BS1	LCS	11/18/25
BK51096-BSD1	LCS Dup	11/18/25

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51096 - EPA 5035A											
Blank (BK51096-BLK1)											Prepared & Analyzed: 11/18/2025
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	"								
1,1-Dichloropropylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4,5-Tetramethylbenzene	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	"								
1,3-Dichloropropane	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
2,2-Dichloropropane	ND	5.0	"								
2-Butanone	ND	5.0	"								
2-Chloroethylvinyl ether	ND	20	"								
2-Chlorotoluene	ND	5.0	"								
2-Hexanone	ND	5.0	"								
4-Chlorotoluene	ND	5.0	"								
4-Methyl-2-pentanone	ND	5.0	"								
Acetone	ND	10	"								
Acrolein	ND	10	"								
Acrylonitrile	ND	5.0	"								
Benzene	ND	5.0	"								
Bromobenzene	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	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51096 - EPA 5035A											
Blank (BK51096-BLK1)											Prepared & Analyzed: 11/18/2025
Dichlorodifluoromethane	ND	5.0	ug/kg wet								
Diisopropyl ether (DIPE)	ND	8.0	"								
Ethanol	ND	80	"								
Ethyl Benzene	ND	5.0	"								
Ethyl tert-butyl ether (ETBE)	ND	8.0	"								
Hexachlorobutadiene	ND	5.0	"								
Iodomethane	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl acetate	ND	5.0	"								
Methyl Methacrylate	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylcyclohexane	ND	5.0	"								
Methylene chloride	ND	10	"								
Naphthalene	ND	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Diethylbenzene	ND	5.0	"								
p-Ethyltoluene	ND	5.0	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Amyl alcohol (TAA)	ND	80	"								
tert-Amyl methyl ether (TAME)	ND	8.0	"								
tert-Butyl alcohol (TBA)	ND	25	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Tetrahydrofuran	ND	10	"								
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 acetate	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*52.0*		*ug/L*	*50.0*		*104*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.3*		*"*	*50.0*		*94.5*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*53.9*		*"*	*50.0*		*108*	*76-130*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51096 - EPA 5035A											
LCS (BK51096-BS1)								Prepared & Analyzed: 11/18/2025			
1,1,1,2-Tetrachloroethane	51.8		ug/L	50.0		104	75-129				
1,1,1-Trichloroethane	68.1		"	50.0		136	71-137				
1,1,2,2-Tetrachloroethane	48.2		"	50.0		96.5	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	60.7		"	50.0		121	58-146				
1,1,2-Trichloroethane	48.3		"	50.0		96.6	83-123				
1,1-Dichloroethane	51.6		"	50.0		103	75-130				
1,1-Dichloroethylene	59.6		"	50.0		119	64-137				
1,1-Dichloropropylene	62.9		"	50.0		126	77-127				
1,2,3-Trichlorobenzene	44.5		"	50.0		89.0	81-140				
1,2,3-Trichloropropane	47.6		"	50.0		95.3	81-126				
1,2,4,5-Tetramethylbenzene	44.4		"	50.0		88.8	63-156				
1,2,4-Trichlorobenzene	47.8		"	50.0		95.5	80-141				
1,2,4-Trimethylbenzene	51.0		"	50.0		102	84-125				
1,2-Dibromo-3-chloropropane	42.6		"	50.0		85.3	74-142				
1,2-Dibromoethane	51.6		"	50.0		103	86-123				
1,2-Dichlorobenzene	47.6		"	50.0		95.1	85-122				
1,2-Dichloroethane	61.7		"	50.0		123	71-133				
1,2-Dichloropropane	48.8		"	50.0		97.6	81-122				
1,3,5-Trimethylbenzene	51.4		"	50.0		103	82-126				
1,3-Dichlorobenzene	50.2		"	50.0		100	84-124				
1,3-Dichloropropane	49.7		"	50.0		99.4	83-123				
1,4-Dichlorobenzene	49.2		"	50.0		98.5	84-124				
2,2-Dichloropropane	71.8		"	50.0		144	67-136	High Bias			
2-Butanone	60.6		"	50.0		121	58-147				
2-Chloroethylvinyl ether	47.0		"	50.0		94.0	10-166				
2-Chlorotoluene	51.5		"	50.0		103	78-127				
2-Hexanone	45.8		"	50.0		91.5	70-139				
4-Chlorotoluene	51.8		"	50.0		104	79-125				
4-Methyl-2-pentanone	45.6		"	50.0		91.2	72-132				
Acetone	49.9		"	50.0		99.8	36-155				
Acrolein	124		"	200		62.0	10-238				
Acrylonitrile	56.7		"	50.0		113	66-141				
Benzene	64.3		"	50.0		129	77-127	High Bias			
Bromobenzene	48.4		"	50.0		96.9	77-129				
Bromochloromethane	62.7		"	50.0		125	74-129				
Bromodichloromethane	50.2		"	50.0		100	81-124				
Bromoform	47.6		"	50.0		95.2	80-136				
Bromomethane	61.3		"	50.0		123	32-177				
Carbon disulfide	56.1		"	50.0		112	10-136				
Carbon tetrachloride	67.2		"	50.0		134	66-143				
Chlorobenzene	51.3		"	50.0		103	86-120				
Chloroethane	78.2		"	50.0		156	51-142	High Bias			
Chloroform	65.5		"	50.0		131	76-131				
Chloromethane	46.7		"	50.0		93.4	49-132				
cis-1,2-Dichloroethylene	65.5		"	50.0		131	74-132				
cis-1,3-Dichloropropylene	50.8		"	50.0		102	81-129				
Cyclohexane	64.0		"	50.0		128	70-130				
Dibromochloromethane	49.3		"	50.0		98.6	10-200				
Dibromomethane	48.8		"	50.0		97.5	83-124				
Dichlorodifluoromethane	38.1		"	50.0		76.2	28-158				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51096 - EPA 5035A											
LCS (BK51096-BS1)								Prepared & Analyzed: 11/18/2025			
Diisopropyl ether (DIPE)	48.0		ug/L	50.0		96.1	70-130				
Ethanol	ND	80	ug/kg wet				70-130				
Ethyl Benzene	53.2		ug/L	50.0		106	84-125				
Ethyl tert-butyl ether (ETBE)	53.7		"	50.0		107	70-130				
Hexachlorobutadiene	42.0		"	50.0		84.1	83-133				
Iodomethane	59.4		"	50.0		119	70-130				
Isopropylbenzene	53.7		"	50.0		107	81-127				
Methyl acetate	54.1		"	50.0		108	41-143				
Methyl Methacrylate	52.9		"	50.0		106	79-125				
Methyl tert-butyl ether (MTBE)	50.4		"	50.0		101	74-131				
Methylcyclohexane	48.9		"	50.0		97.8	70-130				
Methylene chloride	50.2		"	50.0		100	57-141				
Naphthalene	39.6		"	50.0		79.3	86-141	Low Bias			
n-Butylbenzene	33.6		"	50.0		67.3	80-130	Low Bias			
n-Propylbenzene	51.2		"	50.0		102	74-136				
o-Xylene	53.1		"	50.0		106	83-123				
p- & m- Xylenes	106		"	100		106	82-128				
p-Diethylbenzene	49.0		"	50.0		97.9	70-144				
p-Ethyltoluene	53.5		"	50.0		107	84-123				
p-Isopropyltoluene	52.0		"	50.0		104	85-125				
sec-Butylbenzene	49.5		"	50.0		98.9	83-125				
Styrene	49.7		"	50.0		99.5	86-126				
tert-Amyl alcohol (TAA)	604		"	500		121	70-130				
tert-Amyl methyl ether (TAME)	58.7		"	50.0		117	70-130				
tert-Butyl alcohol (TBA)	268		"	250		107	70-130				
tert-Butylbenzene	42.4		"	50.0		84.8	80-127				
Tetrachloroethylene	45.8		"	50.0		91.6	80-129				
Tetrahydrofuran	73.5		"	50.0		147	64-137	High Bias			
Toluene	52.4		"	50.0		105	85-121				
trans-1,2-Dichloroethylene	58.9		"	50.0		118	72-132				
trans-1,3-Dichloropropylene	50.8		"	50.0		102	78-132				
trans-1,4-dichloro-2-butene	48.9		"	50.0		97.8	75-135				
Trichloroethylene	50.1		"	50.0		100	84-123				
Trichlorofluoromethane	60.5		"	50.0		121	62-140				
Vinyl acetate	51.5		"	50.0		103	67-136				
Vinyl Chloride	55.3		"	50.0		111	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.4*		*"*	*50.0*		*103*	*77-125*				
Surrogate: SURR: Toluene-d8	*46.4*		*"*	*50.0*		*92.8*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*52.7*		*"*	*50.0*		*105*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51096 - EPA 5035A											
LCS Dup (BK51096-BSD1)							Prepared & Analyzed: 11/18/2025				
1,1,1,2-Tetrachloroethane	46.3		ug/L	50.0		92.6	75-129		11.3	30	
1,1,1-Trichloroethane	59.8		"	50.0		120	71-137		13.1	30	
1,1,2,2-Tetrachloroethane	42.2		"	50.0		84.4	79-129		13.3	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	53.7		"	50.0		107	58-146		12.3	30	
1,1,2-Trichloroethane	43.3		"	50.0		86.5	83-123		10.9	30	
1,1-Dichloroethane	45.5		"	50.0		91.1	75-130		12.6	30	
1,1-Dichloroethylene	52.0		"	50.0		104	64-137		13.6	30	
1,1-Dichloropropylene	55.5		"	50.0		111	77-127		12.5	30	
1,2,3-Trichlorobenzene	40.0		"	50.0		79.9	81-140	Low Bias	10.7	30	
1,2,3-Trichloropropane	41.2		"	50.0		82.3	81-126		14.6	30	
1,2,4,5-Tetramethylbenzene	40.2		"	50.0		80.4	63-156		9.83	30	
1,2,4-Trichlorobenzene	43.2		"	50.0		86.5	80-141		9.98	30	
1,2,4-Trimethylbenzene	45.3		"	50.0		90.6	84-125		11.9	30	
1,2-Dibromo-3-chloropropane	38.0		"	50.0		75.9	74-142		11.6	30	
1,2-Dibromoethane	45.7		"	50.0		91.4	86-123		12.1	30	
1,2-Dichlorobenzene	42.9		"	50.0		85.7	85-122		10.4	30	
1,2-Dichloroethane	55.4		"	50.0		111	71-133		10.8	30	
1,2-Dichloropropane	42.8		"	50.0		85.5	81-122		13.3	30	
1,3,5-Trimethylbenzene	45.4		"	50.0		90.9	82-126		12.4	30	
1,3-Dichlorobenzene	44.6		"	50.0		89.2	84-124		11.7	30	
1,3-Dichloropropane	44.5		"	50.0		89.0	83-123		11.0	30	
1,4-Dichlorobenzene	43.8		"	50.0		87.5	84-124		11.8	30	
2,2-Dichloropropane	61.9		"	50.0		124	67-136		14.7	30	
2-Butanone	53.8		"	50.0		108	58-147		11.9	30	
2-Chloroethylvinyl ether	39.2		"	50.0		78.3	10-166		18.2	30	
2-Chlorotoluene	45.4		"	50.0		90.8	78-127		12.6	30	
2-Hexanone	40.4		"	50.0		80.7	70-139		12.5	30	
4-Chlorotoluene	45.7		"	50.0		91.5	79-125		12.5	30	
4-Methyl-2-pentanone	40.0		"	50.0		80.1	72-132		13.0	30	
Acetone	42.4		"	50.0		84.8	36-155		16.3	30	
Acrolein	106		"	200		52.8	10-238		16.0	30	
Acrylonitrile	49.4		"	50.0		98.7	66-141		13.8	30	
Benzene	57.2		"	50.0		114	77-127		11.7	30	
Bromobenzene	42.2		"	50.0		84.3	77-129		13.9	30	
Bromochloromethane	55.9		"	50.0		112	74-129		11.5	30	
Bromodichloromethane	44.3		"	50.0		88.6	81-124		12.6	30	
Bromoform	43.0		"	50.0		85.9	80-136		10.2	30	
Bromomethane	60.4		"	50.0		121	32-177		1.41	30	
Carbon disulfide	48.5		"	50.0		97.0	10-136		14.6	30	
Carbon tetrachloride	59.3		"	50.0		119	66-143		12.6	30	
Chlorobenzene	45.6		"	50.0		91.3	86-120		11.7	30	
Chloroethane	71.5		"	50.0		143	51-142	High Bias	8.93	30	
Chloroform	58.6		"	50.0		117	76-131		11.0	30	
Chloromethane	43.9		"	50.0		87.8	49-132		6.23	30	
cis-1,2-Dichloroethylene	58.4		"	50.0		117	74-132		11.5	30	
cis-1,3-Dichloropropylene	44.6		"	50.0		89.2	81-129		13.1	30	
Cyclohexane	56.5		"	50.0		113	70-130		12.5	30	
Dibromochloromethane	44.0		"	50.0		88.0	10-200		11.4	30	
Dibromomethane	42.9		"	50.0		85.8	83-124		12.8	30	
Dichlorodifluoromethane	35.8		"	50.0		71.7	28-158		6.03	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51096 - EPA 5035A											
LCS Dup (BK51096-BSD1)								Prepared & Analyzed: 11/18/2025			
Diisopropyl ether (DIPE)	48.6		ug/L	50.0		97.1	70-130		1.12	30	
Ethanol	ND	80	ug/kg wet				70-130			30	
Ethyl Benzene	47.6		ug/L	50.0		95.2	84-125		11.1	30	
Ethyl tert-butyl ether (ETBE)	47.4		"	50.0		94.8	70-130		12.4	30	
Hexachlorobutadiene	39.5		"	50.0		79.0	83-133	Low Bias	6.18	30	
Iodomethane	50.2		"	50.0		100	70-130		16.7	30	
Isopropylbenzene	46.3		"	50.0		92.6	81-127		14.9	30	
Methyl acetate	45.0		"	50.0		89.9	41-143		18.5	30	
Methyl Methacrylate	46.1		"	50.0		92.1	79-125		13.8	30	
Methyl tert-butyl ether (MTBE)	44.6		"	50.0		89.1	74-131		12.3	30	
Methylcyclohexane	43.2		"	50.0		86.5	70-130		12.3	30	
Methylene chloride	43.3		"	50.0		86.6	57-141		14.8	30	
Naphthalene	34.9		"	50.0		69.8	86-141	Low Bias	12.8	30	
n-Butylbenzene	30.5		"	50.0		61.0	80-130	Low Bias	9.79	30	
n-Propylbenzene	45.0		"	50.0		90.1	74-136		12.7	30	
o-Xylene	47.8		"	50.0		95.7	83-123		10.5	30	
p- & m- Xylenes	94.6		"	100		94.6	82-128		10.9	30	
p-Diethylbenzene	45.0		"	50.0		90.0	70-144		8.49	30	
p-Ethyltoluene	47.1		"	50.0		94.1	84-123		12.7	30	
p-Isopropyltoluene	46.7		"	50.0		93.4	85-125		10.7	30	
sec-Butylbenzene	44.4		"	50.0		88.9	83-125		10.7	30	
Styrene	45.1		"	50.0		90.1	86-126		9.85	30	
tert-Amyl alcohol (TAA)	532		"	500		106	70-130		12.8	30	
tert-Amyl methyl ether (TAME)	51.4		"	50.0		103	70-130		13.3	30	
tert-Butyl alcohol (TBA)	237		"	250		94.8	70-130		12.4	30	
tert-Butylbenzene	37.9		"	50.0		75.8	80-127	Low Bias	11.2	30	
Tetrachloroethylene	40.1		"	50.0		80.1	80-129		13.4	30	
Tetrahydrofuran	64.8		"	50.0		130	64-137		12.6	30	
Toluene	46.2		"	50.0		92.4	85-121		12.6	30	
trans-1,2-Dichloroethylene	51.2		"	50.0		102	72-132		14.0	30	
trans-1,3-Dichloropropylene	44.6		"	50.0		89.2	78-132		13.1	30	
trans-1,4-dichloro-2-butene	40.0		"	50.0		80.1	75-135		19.9	30	
Trichloroethylene	43.5		"	50.0		87.1	84-123		14.0	30	
Trichlorofluoromethane	54.4		"	50.0		109	62-140		10.5	30	
Vinyl acetate	45.1		"	50.0		90.2	67-136		13.2	30	
Vinyl Chloride	51.1		"	50.0		102	52-130		7.86	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.5*		*"*	*50.0*		*103*	*77-125*				
Surrogate: SURR: Toluene-d8	*45.8*		*"*	*50.0*		*91.6*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.5*		*"*	*50.0*		*103*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5J3011 - BJ51804											
8260 (S5J3011-CAL1)											
1,1,1,2-Tetrachloroethane	0.920		ug/L	1.00		92.0					
1,1,1-Trichloroethane	0.920		"	1.00		92.0					
1,1,2,2-Tetrachloroethane	0.940		"	1.00		94.0					
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.00		"	1.00		100					
1,1,2-Trichloroethane	0.920		"	1.00		92.0					
1,1-Dichloroethane	1.13		"	1.00		113					
1,1-Dichloroethylene	1.06		"	1.00		106					
1,1-Dichloropropylene	0.00		"	1.00							
1,2,3-Trichlorobenzene	0.00		"	1.00							
1,2,3-Trichloropropane	0.00		"	1.00							
1,2,4,5-Tetramethylbenzene	0.00		"	1.00							
1,2,4-Trichlorobenzene	0.00		"	1.00							
1,2,4-Trimethylbenzene	0.00		"	1.00							
1,2-Dibromo-3-chloropropane	0.00		"	1.00							
1,2-Dibromoethane	0.920		"	1.00		92.0					
1,2-Dichlorobenzene	1.02		"	1.00		102					
1,2-Dichloroethane	1.17		"	1.00		117					
1,2-Dichloropropane	0.940		"	1.00		94.0					
1,3,5-Trimethylbenzene	0.00		"	1.00							
1,3-Dichlorobenzene	0.00		"	1.00							
1,3-Dichloropropane	0.940		"	1.00		94.0					
1,4-Dichlorobenzene	0.00		"	1.00							
2,2-Dichloropropane	0.960		"	1.00		96.0					
2-Butanone	0.00		"	1.00							
2-Chloroethylvinyl ether	0.00		"	1.00							
2-Chlorotoluene	0.00		"	1.00							
2-Hexanone	0.00		"	1.00							
4-Chlorotoluene	0.00		"	1.00							
4-Methyl-2-pentanone	0.00		"	1.00							
Acetone	5.27		"	1.00		527					
Acrolein	4.80		"	4.00		120					
Acrylonitrile	5.48		"	5.00		110					
Benzene	0.950		"	1.00		95.0					
Bromobenzene	0.00		"	1.00							
Bromochloromethane	1.00		"	1.00		100					
Bromodichloromethane	0.960		"	1.00		96.0					
Bromoform	0.920		"	1.00		92.0					
Bromomethane	2.06		"	1.00		206					
Carbon disulfide	1.48		"	1.00		148					
Carbon tetrachloride	0.980		"	1.00		98.0					
Chlorobenzene	1.02		"	1.00		102					
Chloroethane	1.05		"	1.00		105					
Chloroform	1.06		"	1.00		106					
Chloromethane	1.04		"	1.00		104					
cis-1,2-Dichloroethylene	0.970		"	1.00		97.0					
cis-1,3-Dichloropropylene	0.00		"	1.00							
Cyclohexane	0.00		"	1.00							
Dibromochloromethane	0.00		"	1.00							
Dibromomethane	0.970		"	1.00		97.0					
Dichlorodifluoromethane	0.00		"	1.00							

Prepared & Analyzed: 10/29/2025

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5J3011 - BJ51804											
8260 (S5J3011-CAL1)											Prepared & Analyzed: 10/29/2025
Diisopropyl ether (DIPE)	1.09		ug/L	1.00		109					
Ethanol	62.7		"	40.0		157					
Ethyl Benzene	0.940		"	1.00		94.0					
Ethyl tert-butyl ether (ETBE)	0.00		"	1.00							
Hexachlorobutadiene	0.970		"	1.00		97.0					
Iodomethane	0.00		"	1.00							
Isopropylbenzene	0.00		"	1.00							
Methyl acetate	1.12		"	1.00		112					
Methyl Methacrylate	0.00		"	1.00							
Methyl tert-butyl ether (MTBE)	1.01		"	1.00		101					
Methylcyclohexane	0.00		"	1.00							
Methylene chloride	9.54		"	1.00		954					
Naphthalene	0.00		"	1.00							
n-Butylbenzene	0.00		"	1.00							
n-Propylbenzene	0.00		"	1.00							
o-Xylene	0.00		"	1.00							
p- & m- Xylenes	1.60		"	2.00		80.0					
p-Diethylbenzene	0.00		"	1.00							
p-Ethyltoluene	0.00		"	1.00							
p-Isopropyltoluene	0.00		"	1.00							
sec-Butylbenzene	0.00		"	1.00							
Styrene	0.00		"	1.00							
tert-Amyl alcohol (TAA)	2.57		"	5.00		51.4					
tert-Amyl methyl ether (TAME)	0.00		"	1.00							
tert-Butyl alcohol (TBA)	4.01		"	5.00		80.2					
tert-Butylbenzene	0.00		"	1.00							
Tetrachloroethylene	0.00		"	1.00							
Tetrahydrofuran	3.85		"	5.00		77.0					
Toluene	0.990		"	1.00		99.0					
trans-1,2-Dichloroethylene	1.08		"	1.00		108					
trans-1,3-Dichloropropylene	0.00		"	1.00							
trans-1,4-dichloro-2-butene	0.00		"	1.00							
Trichloroethylene	0.980		"	1.00		98.0					
Trichlorofluoromethane	1.02		"	1.00		102					
Vinyl acetate	0.00		"	1.00							
Vinyl Chloride	0.00		"	1.00							
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.0*		*"*	*50.0*		*99.9*					
Surrogate: SURR: Toluene-d8	*52.4*		*"*	*50.0*		*105*					
Surrogate: SURR: p-Bromofluorobenzene	*51.2*		*"*	*50.0*		*102*					

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5J3011 - BJ51804											
8260 (S5J3011-CAL2)											
1,1,1,2-Tetrachloroethane	2.62		ug/L	2.50		105					
1,1,1-Trichloroethane	2.52		"	2.50		101					
1,1,2,2-Tetrachloroethane	2.69		"	2.50		108					
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	2.62		"	2.50		105					
1,1,2-Trichloroethane	2.61		"	2.50		104					
1,1-Dichloroethane	2.85		"	2.50		114					
1,1-Dichloroethylene	2.91		"	2.50		116					
1,1-Dichloropropylene	2.59		"	2.50		104					
1,2,3-Trichlorobenzene	2.23		"	2.50		89.2					
1,2,3-Trichloropropane	2.53		"	2.50		101					
1,2,4,5-Tetramethylbenzene	1.59		"	2.50		63.6					
1,2,4-Trichlorobenzene	2.11		"	2.50		84.4					
1,2,4-Trimethylbenzene	2.07		"	2.50		82.8					
1,2-Dibromo-3-chloropropane	2.47		"	2.50		98.8					
1,2-Dibromoethane	2.55		"	2.50		102					
1,2-Dichlorobenzene	2.70		"	2.50		108					
1,2-Dichloroethane	2.85		"	2.50		114					
1,2-Dichloropropane	2.38		"	2.50		95.2					
1,3,5-Trimethylbenzene	2.21		"	2.50		88.4					
1,3-Dichlorobenzene	2.50		"	2.50		100					
1,3-Dichloropropane	2.49		"	2.50		99.6					
1,4-Dichlorobenzene	2.45		"	2.50		98.0					
2,2-Dichloropropane	2.58		"	2.50		103					
2-Butanone	2.53		"	2.50		101					
2-Chloroethylvinyl ether	1.99		"	2.50		79.6					
2-Chlorotoluene	2.44		"	2.50		97.6					
2-Hexanone	1.89		"	2.50		75.6					
4-Chlorotoluene	2.32		"	2.50		92.8					
4-Methyl-2-pentanone	2.04		"	2.50		81.6					
Acetone	6.23		"	2.50		249					
Acrolein	12.5		"	10.0		125					
Acrylonitrile	14.1		"	12.5		113					
Benzene	2.60		"	2.50		104					
Bromobenzene	2.50		"	2.50		100					
Bromochloromethane	2.77		"	2.50		111					
Bromodichloromethane	2.66		"	2.50		106					
Bromoform	2.33		"	2.50		93.2					
Bromomethane	4.47		"	2.50		179					
Carbon disulfide	3.03		"	2.50		121					
Carbon tetrachloride	2.62		"	2.50		105					
Chlorobenzene	2.64		"	2.50		106					
Chloroethane	2.62		"	2.50		105					
Chloroform	2.67		"	2.50		107					
Chloromethane	2.42		"	2.50		96.8					
cis-1,2-Dichloroethylene	2.59		"	2.50		104					
cis-1,3-Dichloropropylene	2.12		"	2.50		84.8					
Cyclohexane	2.17		"	2.50		86.8					
Dibromochloromethane	2.58		"	2.50		103					
Dibromomethane	2.68		"	2.50		107					
Dichlorodifluoromethane	2.02		"	2.50		80.8					

Prepared & Analyzed: 10/29/2025

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5J3011 - BJ51804											
8260 (S5J3011-CAL2)											
Prepared & Analyzed: 10/29/2025											
Diisopropyl ether (DIPE)	2.79		ug/L	2.50		112					
Ethanol	162		"	100		162					
Ethyl Benzene	2.51		"	2.50		100					
Ethyl tert-butyl ether (ETBE)	2.24		"	2.50		89.6					
Hexachlorobutadiene	2.34		"	2.50		93.6					
Iodomethane	1.00		"	2.50		40.0					
Isopropylbenzene	1.92		"	2.50		76.8					
Methyl acetate	2.92		"	2.50		117					
Methyl Methacrylate	1.80		"	2.50		72.0					
Methyl tert-butyl ether (MTBE)	2.53		"	2.50		101					
Methylcyclohexane	2.25		"	2.50		90.0					
Methylene chloride	11.5		"	2.50		462					
Naphthalene	1.62		"	2.50		64.8					
n-Butylbenzene	2.24		"	2.50		89.6					
n-Propylbenzene	2.37		"	2.50		94.8					
o-Xylene	2.02		"	2.50		80.8					
p- & m- Xylenes	4.55		"	5.00		91.0					
p-Diethylbenzene	2.19		"	2.50		87.6					
p-Ethyltoluene	2.03		"	2.50		81.2					
p-Isopropyltoluene	1.98		"	2.50		79.2					
sec-Butylbenzene	2.32		"	2.50		92.8					
Styrene	2.00		"	2.50		80.0					
tert-Amyl alcohol (TAA)	10.7		"	12.5		85.9					
tert-Amyl methyl ether (TAME)	2.17		"	2.50		86.8					
tert-Butyl alcohol (TBA)	11.2		"	12.5		89.5					
tert-Butylbenzene	2.10		"	2.50		84.0					
Tetrachloroethylene	2.36		"	2.50		94.4					
Tetrahydrofuran	11.1		"	12.5		88.9					
Toluene	2.66		"	2.50		106					
trans-1,2-Dichloroethylene	2.96		"	2.50		118					
trans-1,3-Dichloropropylene	2.12		"	2.50		84.8					
trans-1,4-dichloro-2-butene	1.83		"	2.50		73.2					
Trichloroethylene	2.60		"	2.50		104					
Trichlorofluoromethane	2.62		"	2.50		105					
Vinyl acetate	2.41		"	2.50		96.4					
Vinyl Chloride	2.27		"	2.50		90.8					
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.4*		*"*	*50.0*		*101*					
Surrogate: SURR: Toluene-d8	*51.8*		*"*	*50.0*		*104*					
Surrogate: SURR: p-Bromofluorobenzene	*51.0*		*"*	*50.0*		*102*					

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5J3011 - BJ51804											
8260 (S5J3011-CAL3)											
1,1,1,2-Tetrachloroethane	4.86		ug/L	5.00		97.2					
1,1,1-Trichloroethane	5.02		"	5.00		100					
1,1,2,2-Tetrachloroethane	5.06		"	5.00		101					
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	5.62		"	5.00		112					
1,1,2-Trichloroethane	5.03		"	5.00		101					
1,1-Dichloroethane	5.51		"	5.00		110					
1,1-Dichloroethylene	5.53		"	5.00		111					
1,1-Dichloropropylene	5.07		"	5.00		101					
1,2,3-Trichlorobenzene	4.26		"	5.00		85.2					
1,2,3-Trichloropropane	4.76		"	5.00		95.2					
1,2,4,5-Tetramethylbenzene	3.14		"	5.00		62.8					
1,2,4-Trichlorobenzene	4.28		"	5.00		85.6					
1,2,4-Trimethylbenzene	4.31		"	5.00		86.2					
1,2-Dibromo-3-chloropropane	4.64		"	5.00		92.8					
1,2-Dibromoethane	4.83		"	5.00		96.6					
1,2-Dichlorobenzene	5.02		"	5.00		100					
1,2-Dichloroethane	5.39		"	5.00		108					
1,2-Dichloropropane	4.95		"	5.00		99.0					
1,3,5-Trimethylbenzene	4.50		"	5.00		90.0					
1,3-Dichlorobenzene	4.88		"	5.00		97.6					
1,3-Dichloropropane	4.82		"	5.00		96.4					
1,4-Dichlorobenzene	4.79		"	5.00		95.8					
2,2-Dichloropropane	4.87		"	5.00		97.4					
2-Butanone	4.31		"	5.00		86.2					
2-Chloroethylvinyl ether	3.84		"	5.00		76.8					
2-Chlorotoluene	4.77		"	5.00		95.4					
2-Hexanone	3.57		"	5.00		71.4					
4-Chlorotoluene	4.59		"	5.00		91.8					
4-Methyl-2-pentanone	3.61		"	5.00		72.2					
Acetone	7.38		"	5.00		148					
Acrolein	20.2		"	20.0		101					
Acrylonitrile	27.8		"	25.0		111					
Benzene	5.12		"	5.00		102					
Bromobenzene	4.39		"	5.00		87.8					
Bromochloromethane	5.33		"	5.00		107					
Bromodichloromethane	4.92		"	5.00		98.4					
Bromoform	4.83		"	5.00		96.6					
Bromomethane	7.95		"	5.00		159					
Carbon disulfide	6.18		"	5.00		124					
Carbon tetrachloride	4.95		"	5.00		99.0					
Chlorobenzene	5.01		"	5.00		100					
Chloroethane	5.30		"	5.00		106					
Chloroform	5.25		"	5.00		105					
Chloromethane	5.06		"	5.00		101					
cis-1,2-Dichloroethylene	5.15		"	5.00		103					
cis-1,3-Dichloropropylene	4.23		"	5.00		84.6					
Cyclohexane	4.86		"	5.00		97.2					
Dibromochloromethane	4.77		"	5.00		95.4					
Dibromomethane	5.07		"	5.00		101					
Dichlorodifluoromethane	4.80		"	5.00		96.0					

Prepared & Analyzed: 10/29/2025

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5J3011 - BJ51804											
8260 (S5J3011-CAL3)											
Prepared & Analyzed: 10/29/2025											
Diisopropyl ether (DIPE)	5.63		ug/L	5.00		113					
Ethanol	243		"	200		122					
Ethyl Benzene	4.94		"	5.00		98.8					
Ethyl tert-butyl ether (ETBE)	4.97		"	5.00		99.4					
Hexachlorobutadiene	4.65		"	5.00		93.0					
Iodomethane	2.84		"	5.00		56.8					
Isopropylbenzene	4.09		"	5.00		81.8					
Methyl acetate	4.87		"	5.00		97.4					
Methyl Methacrylate	4.05		"	5.00		81.0					
Methyl tert-butyl ether (MTBE)	5.29		"	5.00		106					
Methylcyclohexane	4.80		"	5.00		96.0					
Methylene chloride	13.4		"	5.00		269					
Naphthalene	3.26		"	5.00		65.2					
n-Butylbenzene	4.58		"	5.00		91.6					
n-Propylbenzene	4.75		"	5.00		95.0					
o-Xylene	4.20		"	5.00		84.0					
p- & m- Xylenes	9.28		"	10.0		92.8					
p-Diethylbenzene	4.20		"	5.00		84.0					
p-Ethyltoluene	3.91		"	5.00		78.2					
p-Isopropyltoluene	4.18		"	5.00		83.6					
sec-Butylbenzene	4.74		"	5.00		94.8					
Styrene	4.34		"	5.00		86.8					
tert-Amyl alcohol (TAA)	22.1		"	25.0		88.4					
tert-Amyl methyl ether (TAME)	4.61		"	5.00		92.2					
tert-Butyl alcohol (TBA)	24.8		"	25.0		99.4					
tert-Butylbenzene	4.28		"	5.00		85.6					
Tetrachloroethylene	4.75		"	5.00		95.0					
Tetrahydrofuran	24.0		"	25.0		96.0					
Toluene	5.06		"	5.00		101					
trans-1,2-Dichloroethylene	5.60		"	5.00		112					
trans-1,3-Dichloropropylene	4.23		"	5.00		84.6					
trans-1,4-dichloro-2-butene	4.15		"	5.00		83.0					
Trichloroethylene	5.11		"	5.00		102					
Trichlorofluoromethane	5.15		"	5.00		103					
Vinyl acetate	4.41		"	5.00		88.2					
Vinyl Chloride	4.85		"	5.00		97.0					
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.0*		*"*	*50.0*		*100*					
Surrogate: SURR: Toluene-d8	*52.0*		*"*	*50.0*		*104*					
Surrogate: SURR: p-Bromofluorobenzene	*50.9*		*"*	*50.0*		*102*					

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5J3011 - BJ51804											
8260 (S5J3011-CAL4)									Prepared & Analyzed: 10/29/2025		
1,1,1,2-Tetrachloroethane	10.5		ug/L	10.0		105					
1,1,1-Trichloroethane	10.6		"	10.0		106					
1,1,2,2-Tetrachloroethane	10.3		"	10.0		103					
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.7		"	10.0		107					
1,1,2-Trichloroethane	10.4		"	10.0		104					
1,1-Dichloroethane	11.4		"	10.0		114					
1,1-Dichloroethylene	11.7		"	10.0		117					
1,1-Dichloropropylene	10.5		"	10.0		105					
1,2,3-Trichlorobenzene	9.30		"	10.0		93.0					
1,2,3-Trichloropropane	10.3		"	10.0		103					
1,2,4,5-Tetramethylbenzene	8.12		"	10.0		81.2					
1,2,4-Trichlorobenzene	9.12		"	10.0		91.2					
1,2,4-Trimethylbenzene	9.97		"	10.0		99.7					
1,2-Dibromo-3-chloropropane	10.3		"	10.0		103					
1,2-Dibromoethane	10.5		"	10.0		105					
1,2-Dichlorobenzene	10.7		"	10.0		107					
1,2-Dichloroethane	11.0		"	10.0		110					
1,2-Dichloropropane	10.3		"	10.0		103					
1,3,5-Trimethylbenzene	10.1		"	10.0		101					
1,3-Dichlorobenzene	10.5		"	10.0		105					
1,3-Dichloropropane	10.2		"	10.0		102					
1,4-Dichlorobenzene	10.2		"	10.0		102					
2,2-Dichloropropane	10.5		"	10.0		105					
2-Butanone	9.85		"	10.0		98.5					
2-Chloroethylvinyl ether	9.17		"	10.0		91.7					
2-Chlorotoluene	10.2		"	10.0		102					
2-Hexanone	8.94		"	10.0		89.4					
4-Chlorotoluene	10.2		"	10.0		102					
4-Methyl-2-pentanone	8.45		"	10.0		84.5					
Acetone	12.6		"	10.0		126					
Acrolein	41.4		"	40.0		103					
Acrylonitrile	52.5		"	50.0		105					
Benzene	10.9		"	10.0		109					
Bromobenzene	9.41		"	10.0		94.1					
Bromochloromethane	11.1		"	10.0		111					
Bromodichloromethane	10.5		"	10.0		105					
Bromoform	10.2		"	10.0		102					
Bromomethane	13.5		"	10.0		135					
Carbon disulfide	11.5		"	10.0		115					
Carbon tetrachloride	10.8		"	10.0		108					
Chlorobenzene	10.6		"	10.0		106					
Chloroethane	10.8		"	10.0		108					
Chloroform	10.9		"	10.0		109					
Chloromethane	11.2		"	10.0		112					
cis-1,2-Dichloroethylene	10.7		"	10.0		107					
cis-1,3-Dichloropropylene	9.45		"	10.0		94.5					
Cyclohexane	9.69		"	10.0		96.9					
Dibromochloromethane	10.4		"	10.0		104					
Dibromomethane	10.9		"	10.0		109					
Dichlorodifluoromethane	11.5		"	10.0		115					

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

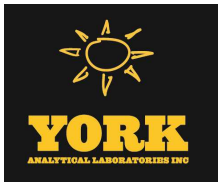
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5J3011 - BJ51804											
8260 (S5J3011-CAL4)											
Prepared & Analyzed: 10/29/2025											
Diisopropyl ether (DIPE)	10.8		ug/L	10.0		108					
Ethanol	483		"	400		121					
Ethyl Benzene	10.7		"	10.0		107					
Ethyl tert-butyl ether (ETBE)	9.45		"	10.0		94.5					
Hexachlorobutadiene	9.98		"	10.0		99.8					
Iodomethane	7.17		"	10.0		71.7					
Isopropylbenzene	9.53		"	10.0		95.3					
Methyl acetate	11.3		"	10.0		113					
Methyl Methacrylate	8.38		"	10.0		83.8					
Methyl tert-butyl ether (MTBE)	10.1		"	10.0		101					
Methylcyclohexane	9.50		"	10.0		95.0					
Methylene chloride	18.4		"	10.0		184					
Naphthalene	7.89		"	10.0		78.9					
n-Butylbenzene	9.78		"	10.0		97.8					
n-Propylbenzene	10.3		"	10.0		103					
o-Xylene	9.79		"	10.0		97.9					
p- & m- Xylenes	20.6		"	20.0		103					
p-Diethylbenzene	9.57		"	10.0		95.7					
p-Ethyltoluene	9.13		"	10.0		91.3					
p-Isopropyltoluene	9.73		"	10.0		97.3					
sec-Butylbenzene	10.6		"	10.0		106					
Styrene	10.1		"	10.0		101					
tert-Amyl alcohol (TAA)	46.2		"	50.0		92.5					
tert-Amyl methyl ether (TAME)	9.23		"	10.0		92.3					
tert-Butyl alcohol (TBA)	47.3		"	50.0		94.5					
tert-Butylbenzene	9.81		"	10.0		98.1					
Tetrachloroethylene	9.86		"	10.0		98.6					
Tetrahydrofuran	47.1		"	50.0		94.2					
Toluene	10.7		"	10.0		107					
trans-1,2-Dichloroethylene	11.6		"	10.0		116					
trans-1,3-Dichloropropylene	9.45		"	10.0		94.5					
trans-1,4-dichloro-2-butene	8.25		"	10.0		82.5					
Trichloroethylene	10.6		"	10.0		106					
Trichlorofluoromethane	10.9		"	10.0		109					
Vinyl acetate	9.52		"	10.0		95.2					
Vinyl Chloride	10.6		"	10.0		106					
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.9*		*"*	*50.0*		*99.9*					
Surrogate: SURR: Toluene-d8	*51.5*		*"*	*50.0*		*103*					
Surrogate: SURR: p-Bromofluorobenzene	*49.9*		*"*	*50.0*		*99.7*					

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5J3011 - BJ51804											
8260 (S5J3011-CAL5)									Prepared & Analyzed: 10/29/2025		
1,1,1,2-Tetrachloroethane	20.8		ug/L	20.0		104					
1,1,1-Trichloroethane	21.0		"	20.0		105					
1,1,2,2-Tetrachloroethane	20.8		"	20.0		104					
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	21.1		"	20.0		106					
1,1,2-Trichloroethane	20.5		"	20.0		103					
1,1-Dichloroethane	21.7		"	20.0		109					
1,1-Dichloroethylene	22.1		"	20.0		110					
1,1-Dichloropropylene	21.1		"	20.0		105					
1,2,3-Trichlorobenzene	19.2		"	20.0		95.8					
1,2,3-Trichloropropane	21.0		"	20.0		105					
1,2,4,5-Tetramethylbenzene	18.7		"	20.0		93.6					
1,2,4-Trichlorobenzene	19.1		"	20.0		95.6					
1,2,4-Trimethylbenzene	20.7		"	20.0		103					
1,2-Dibromo-3-chloropropane	20.8		"	20.0		104					
1,2-Dibromoethane	20.9		"	20.0		104					
1,2-Dichlorobenzene	21.2		"	20.0		106					
1,2-Dichloroethane	21.6		"	20.0		108					
1,2-Dichloropropane	20.6		"	20.0		103					
1,3,5-Trimethylbenzene	20.6		"	20.0		103					
1,3-Dichlorobenzene	20.9		"	20.0		105					
1,3-Dichloropropane	21.0		"	20.0		105					
1,4-Dichlorobenzene	20.8		"	20.0		104					
2,2-Dichloropropane	20.4		"	20.0		102					
2-Butanone	20.1		"	20.0		100					
2-Chloroethylvinyl ether	21.6		"	20.0		108					
2-Chlorotoluene	20.5		"	20.0		103					
2-Hexanone	19.3		"	20.0		96.4					
4-Chlorotoluene	20.7		"	20.0		104					
4-Methyl-2-pentanone	19.4		"	20.0		97.2					
Acetone	22.1		"	20.0		110					
Acrolein	79.4		"	80.0		99.2					
Acrylonitrile	111		"	100		111					
Benzene	21.4		"	20.0		107					
Bromobenzene	20.4		"	20.0		102					
Bromochloromethane	21.7		"	20.0		109					
Bromodichloromethane	20.8		"	20.0		104					
Bromoform	21.0		"	20.0		105					
Bromomethane	22.4		"	20.0		112					
Carbon disulfide	21.7		"	20.0		109					
Carbon tetrachloride	21.0		"	20.0		105					
Chlorobenzene	21.0		"	20.0		105					
Chloroethane	20.6		"	20.0		103					
Chloroform	21.6		"	20.0		108					
Chloromethane	20.1		"	20.0		100					
cis-1,2-Dichloroethylene	21.4		"	20.0		107					
cis-1,3-Dichloropropylene	20.0		"	20.0		100					
Cyclohexane	20.0		"	20.0		99.8					
Dibromochloromethane	20.8		"	20.0		104					
Dibromomethane	21.3		"	20.0		106					
Dichlorodifluoromethane	19.1		"	20.0		95.6					

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5J3011 - BJ51804											
8260 (S5J3011-CAL5)											Prepared & Analyzed: 10/29/2025
Diisopropyl ether (DIPE)	21.0		ug/L	20.0		105					
Ethanol	883		"	800		110					
Ethyl Benzene	21.1		"	20.0		106					
Ethyl tert-butyl ether (ETBE)	20.2		"	20.0		101					
Hexachlorobutadiene	19.5		"	20.0		97.5					
Iodomethane	17.7		"	20.0		88.3					
Isopropylbenzene	19.9		"	20.0		99.6					
Methyl acetate	21.6		"	20.0		108					
Methyl Methacrylate	18.8		"	20.0		94.2					
Methyl tert-butyl ether (MTBE)	20.7		"	20.0		104					
Methylcyclohexane	19.8		"	20.0		99.0					
Methylene chloride	26.8		"	20.0		134					
Naphthalene	18.2		"	20.0		91.0					
n-Butylbenzene	20.1		"	20.0		101					
n-Propylbenzene	20.6		"	20.0		103					
o-Xylene	20.6		"	20.0		103					
p- & m- Xylenes	41.5		"	40.0		104					
p-Diethylbenzene	20.0		"	20.0		100					
p-Ethyltoluene	19.7		"	20.0		98.3					
p-Isopropyltoluene	20.3		"	20.0		102					
sec-Butylbenzene	20.9		"	20.0		105					
Styrene	20.5		"	20.0		103					
tert-Amyl alcohol (TAA)	97.9		"	100		97.9					
tert-Amyl methyl ether (TAME)	19.6		"	20.0		98.0					
tert-Butyl alcohol (TBA)	101		"	100		101					
tert-Butylbenzene	20.2		"	20.0		101					
Tetrachloroethylene	20.4		"	20.0		102					
Tetrahydrofuran	100		"	100		100					
Toluene	21.2		"	20.0		106					
trans-1,2-Dichloroethylene	22.2		"	20.0		111					
trans-1,3-Dichloropropylene	20.0		"	20.0		100					
trans-1,4-dichloro-2-butene	17.9		"	20.0		89.4					
Trichloroethylene	21.1		"	20.0		105					
Trichlorofluoromethane	20.7		"	20.0		104					
Vinyl acetate	20.0		"	20.0		100					
Vinyl Chloride	20.0		"	20.0		100					
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.8*		*"*	*50.0*		*99.5*					
Surrogate: SURR: Toluene-d8	*50.7*		*"*	*50.0*		*101*					
Surrogate: SURR: p-Bromofluorobenzene	*50.1*		*"*	*50.0*		*100*					



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5J3011 - BJ51804											
8260 (S5J3011-CAL6)											
1,1,1,2-Tetrachloroethane	47.9		ug/L	50.0		95.8					
1,1,1-Trichloroethane	47.5		"	50.0		95.1					
1,1,2,2-Tetrachloroethane	50.9		"	50.0		102					
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	51.6		"	50.0		103					
1,1,2-Trichloroethane	47.2		"	50.0		94.4					
1,1-Dichloroethane	49.8		"	50.0		99.6					
1,1-Dichloroethylene	51.0		"	50.0		102					
1,1-Dichloropropylene	48.1		"	50.0		96.2					
1,2,3-Trichlorobenzene	45.4		"	50.0		90.7					
1,2,3-Trichloropropane	48.7		"	50.0		97.3					
1,2,4,5-Tetramethylbenzene	48.9		"	50.0		97.7					
1,2,4-Trichlorobenzene	44.8		"	50.0		89.6					
1,2,4-Trimethylbenzene	49.6		"	50.0		99.2					
1,2-Dibromo-3-chloropropane	46.8		"	50.0		93.6					
1,2-Dibromoethane	48.8		"	50.0		97.6					
1,2-Dichlorobenzene	47.4		"	50.0		94.8					
1,2-Dichloroethane	47.7		"	50.0		95.5					
1,2-Dichloropropane	47.1		"	50.0		94.2					
1,3,5-Trimethylbenzene	48.8		"	50.0		97.6					
1,3-Dichlorobenzene	48.8		"	50.0		97.5					
1,3-Dichloropropane	49.1		"	50.0		98.2					
1,4-Dichlorobenzene	48.3		"	50.0		96.6					
2,2-Dichloropropane	47.6		"	50.0		95.2					
2-Butanone	50.8		"	50.0		102					
2-Chloroethylvinyl ether	54.4		"	50.0		109					
2-Chlorotoluene	49.9		"	50.0		99.8					
2-Hexanone	53.4		"	50.0		107					
4-Chlorotoluene	50.2		"	50.0		100					
4-Methyl-2-pentanone	51.5		"	50.0		103					
Acetone	49.8		"	50.0		99.7					
Acrolein	201		"	200		101					
Acrylonitrile	239		"	250		95.6					
Benzene	47.3		"	50.0		94.7					
Bromobenzene	52.9		"	50.0		106					
Bromochloromethane	48.3		"	50.0		96.7					
Bromodichloromethane	47.7		"	50.0		95.4					
Bromoform	48.1		"	50.0		96.2					
Bromomethane	43.5		"	50.0		86.9					
Carbon disulfide	51.6		"	50.0		103					
Carbon tetrachloride	47.0		"	50.0		93.9					
Chlorobenzene	46.7		"	50.0		93.4					
Chloroethane	51.8		"	50.0		104					
Chloroform	47.8		"	50.0		95.6					
Chloromethane	50.7		"	50.0		101					
cis-1,2-Dichloroethylene	48.0		"	50.0		96.0					
cis-1,3-Dichloropropylene	48.6		"	50.0		97.1					
Cyclohexane	49.6		"	50.0		99.3					
Dibromochloromethane	48.4		"	50.0		96.9					
Dibromomethane	46.5		"	50.0		93.1					
Dichlorodifluoromethane	52.7		"	50.0		105					

Prepared & Analyzed: 10/29/2025

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5J3011 - BJ51804											
8260 (S5J3011-CAL6)											Prepared & Analyzed: 10/29/2025
Diisopropyl ether (DIPE)	48.2		ug/L	50.0		96.4					
Ethanol	2000		"	2000		100					
Ethyl Benzene	47.9		"	50.0		95.8					
Ethyl tert-butyl ether (ETBE)	47.3		"	50.0		94.5					
Hexachlorobutadiene	44.8		"	50.0		89.6					
Iodomethane	61.2		"	50.0		122					
Isopropylbenzene	51.7		"	50.0		103					
Methyl acetate	51.8		"	50.0		104					
Methyl Methacrylate	50.6		"	50.0		101					
Methyl tert-butyl ether (MTBE)	51.0		"	50.0		102					
Methylcyclohexane	46.5		"	50.0		93.0					
Methylene chloride	38.4		"	50.0		76.8					
Naphthalene	48.6		"	50.0		97.2					
n-Butylbenzene	48.2		"	50.0		96.5					
n-Propylbenzene	49.4		"	50.0		98.7					
o-Xylene	49.4		"	50.0		98.8					
p- & m- Xylenes	94.8		"	100		94.8					
p-Diethylbenzene	47.9		"	50.0		95.8					
p-Ethyltoluene	52.2		"	50.0		104					
p-Isopropyltoluene	49.1		"	50.0		98.3					
sec-Butylbenzene	48.6		"	50.0		97.1					
Styrene	48.7		"	50.0		97.4					
tert-Amyl alcohol (TAA)	241		"	250		96.3					
tert-Amyl methyl ether (TAME)	47.8		"	50.0		95.7					
tert-Butyl alcohol (TBA)	236		"	250		94.5					
tert-Butylbenzene	49.6		"	50.0		99.2					
Tetrachloroethylene	45.7		"	50.0		91.4					
Tetrahydrofuran	262		"	250		105					
Toluene	46.6		"	50.0		93.3					
trans-1,2-Dichloroethylene	50.4		"	50.0		101					
trans-1,3-Dichloropropylene	48.6		"	50.0		97.1					
trans-1,4-dichloro-2-butene	52.3		"	50.0		105					
Trichloroethylene	44.2		"	50.0		88.4					
Trichlorofluoromethane	52.8		"	50.0		106					
Vinyl acetate	50.4		"	50.0		101					
Vinyl Chloride	51.4		"	50.0		103					
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.3*		*"*	*50.0*		*103*					
Surrogate: SURR: Toluene-d8	*50.4*		*"*	*50.0*		*101*					
Surrogate: SURR: p-Bromofluorobenzene	*53.0*		*"*	*50.0*		*106*					

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5J3011 - BJ51804											
8260 (S5J3011-CAL7)									Prepared & Analyzed: 10/29/2025		
1,1,1,2-Tetrachloroethane	111		ug/L	100		111					
1,1,1-Trichloroethane	110		"	100		110					
1,1,2,2-Tetrachloroethane	107		"	100		107					
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	97.3		"	100		97.3					
1,1,2-Trichloroethane	110		"	100		110					
1,1-Dichloroethane	102		"	100		102					
1,1-Dichloroethylene	101		"	100		101					
1,1-Dichloropropylene	108		"	100		108					
1,2,3-Trichlorobenzene	117		"	100		117					
1,2,3-Trichloropropane	112		"	100		112					
1,2,4,5-Tetramethylbenzene	115		"	100		115					
1,2,4-Trichlorobenzene	117		"	100		117					
1,2,4-Trimethylbenzene	110		"	100		110					
1,2-Dibromo-3-chloropropane	113		"	100		113					
1,2-Dibromoethane	108		"	100		108					
1,2-Dichlorobenzene	109		"	100		109					
1,2-Dichloroethane	108		"	100		108					
1,2-Dichloropropane	112		"	100		112					
1,3,5-Trimethylbenzene	111		"	100		111					
1,3-Dichlorobenzene	107		"	100		107					
1,3-Dichloropropane	108		"	100		108					
1,4-Dichlorobenzene	109		"	100		109					
2,2-Dichloropropane	112		"	100		112					
2-Butanone	106		"	100		106					
2-Chloroethylvinyl ether	90.7		"	100		90.7					
2-Chlorotoluene	109		"	100		109					
2-Hexanone	107		"	100		107					
4-Chlorotoluene	109		"	100		109					
4-Methyl-2-pentanone	113		"	100		113					
Acetone	96.7		"	100		96.7					
Acrolein	393		"	400		98.3					
Acrylonitrile	479		"	500		95.8					
Benzene	109		"	100		109					
Bromobenzene	102		"	100		102					
Bromochloromethane	107		"	100		107					
Bromodichloromethane	109		"	100		109					
Bromoform	107		"	100		107					
Bromomethane	106		"	100		106					
Carbon disulfide	94.3		"	100		94.3					
Carbon tetrachloride	111		"	100		111					
Chlorobenzene	110		"	100		110					
Chloroethane	99.7		"	100		99.7					
Chloroform	108		"	100		108					
Chloromethane	96.2		"	100		96.2					
cis-1,2-Dichloroethylene	109		"	100		109					
cis-1,3-Dichloropropylene	114		"	100		114					
Cyclohexane	104		"	100		104					
Dibromochloromethane	109		"	100		109					
Dibromomethane	110		"	100		110					
Dichlorodifluoromethane	92.8		"	100		92.8					

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5J3011 - BJ51804											
8260 (S5J3011-CAL7)											Prepared & Analyzed: 10/29/2025
Diisopropyl ether (DIPE)	99.7		ug/L	100		99.7					
Ethanol	3930		"	4000		98.2					
Ethyl Benzene	109		"	100		109					
Ethyl tert-butyl ether (ETBE)	112		"	100		112					
Hexachlorobutadiene	116		"	100		116					
Iodomethane	100		"	100		100					
Isopropylbenzene	111		"	100		111					
Methyl acetate	104		"	100		104					
Methyl Methacrylate	106		"	100		106					
Methyl tert-butyl ether (MTBE)	101		"	100		101					
Methylcyclohexane	109		"	100		109					
Methylene chloride	94.5		"	100		94.5					
Naphthalene	118		"	100		118					
n-Butylbenzene	111		"	100		111					
n-Propylbenzene	111		"	100		111					
o-Xylene	109		"	100		109					
p- & m- Xylenes	224		"	200		112					
p-Diethylbenzene	111		"	100		111					
p-Ethyltoluene	108		"	100		108					
p-Isopropyltoluene	111		"	100		111					
sec-Butylbenzene	109		"	100		109					
Styrene	108		"	100		108					
tert-Amyl alcohol (TAA)	544		"	500		109					
tert-Amyl methyl ether (TAME)	110		"	100		110					
tert-Butyl alcohol (TBA)	560		"	500		112					
tert-Butylbenzene	109		"	100		109					
Tetrachloroethylene	116		"	100		116					
Tetrahydrofuran	516		"	500		103					
Toluene	110		"	100		110					
trans-1,2-Dichloroethylene	103		"	100		103					
trans-1,3-Dichloropropylene	114		"	100		114					
trans-1,4-dichloro-2-butene	110		"	100		110					
Trichloroethylene	114		"	100		114					
Trichlorofluoromethane	97.1		"	100		97.1					
Vinyl acetate	105		"	100		105					
Vinyl Chloride	101		"	100		101					
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.4*		*"*	*50.0*		*96.8*					
Surrogate: SURR: Toluene-d8	*48.8*		*"*	*50.0*		*97.6*					
Surrogate: SURR: p-Bromofluorobenzene	*48.2*		*"*	*50.0*		*96.5*					

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5J3011 - BJ51804											
8260 (S5J3011-CAL8)									Prepared & Analyzed: 10/29/2025		
1,1,1,2-Tetrachloroethane	206		ug/L	200		103					
1,1,1-Trichloroethane	208		"	200		104					
1,1,2,2-Tetrachloroethane	185		"	200		92.5					
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	171		"	200		85.3					
1,1,2-Trichloroethane	215		"	200		108					
1,1-Dichloroethane	180		"	200		89.9					
1,1-Dichloroethylene	165		"	200		82.4					
1,1-Dichloropropylene	202		"	200		101					
1,2,3-Trichlorobenzene	254		"	200		127					
1,2,3-Trichloropropane	207		"	200		103					
1,2,4,5-Tetramethylbenzene	243		"	200		122					
1,2,4-Trichlorobenzene	256		"	200		128					
1,2,4-Trimethylbenzene	204		"	200		102					
1,2-Dibromo-3-chloropropane	230		"	200		115					
1,2-Dibromoethane	202		"	200		101					
1,2-Dichlorobenzene	208		"	200		104					
1,2-Dichloroethane	201		"	200		100					
1,2-Dichloropropane	215		"	200		108					
1,3,5-Trimethylbenzene	209		"	200		104					
1,3-Dichlorobenzene	199		"	200		99.4					
1,3-Dichloropropane	201		"	200		100					
1,4-Dichlorobenzene	206		"	200		103					
2,2-Dichloropropane	213		"	200		107					
2-Butanone	194		"	200		97.2					
2-Chloroethylvinyl ether	175		"	200		87.5					
2-Chlorotoluene	197		"	200		98.3					
2-Hexanone	192		"	200		96.1					
4-Chlorotoluene	194		"	200		97.2					
4-Methyl-2-pentanone	216		"	200		108					
Acetone	136		"	200		67.8					
Acrolein	671		"	800		83.8					
Acrylonitrile	987		"	1000		98.7					
Benzene	206		"	200		103					
Bromobenzene	184		"	200		91.9					
Bromochloromethane	196		"	200		98.2					
Bromodichloromethane	209		"	200		105					
Bromoform	206		"	200		103					
Bromomethane	203		"	200		101					
Carbon disulfide	157		"	200		78.4					
Carbon tetrachloride	212		"	200		106					
Chlorobenzene	215		"	200		107					
Chloroethane	177		"	200		88.4					
Chloroform	201		"	200		100					
Chloromethane	180		"	200		90.2					
cis-1,2-Dichloroethylene	203		"	200		102					
cis-1,3-Dichloropropylene	221		"	200		110					
Cyclohexane	203		"	200		101					
Dibromochloromethane	206		"	200		103					
Dibromomethane	215		"	200		107					
Dichlorodifluoromethane	171		"	200		85.4					

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5J3011 - BJ51804											
8260 (S5J3011-CAL8)											
Prepared & Analyzed: 10/29/2025											
Diisopropyl ether (DIPE)	172		ug/L	200		85.8					
Ethanol	6830		"	8000		85.4					
Ethyl Benzene	201		"	200		101					
Ethyl tert-butyl ether (ETBE)	224		"	200		112					
Hexachlorobutadiene	244		"	200		122					
Iodomethane	178		"	200		88.9					
Isopropylbenzene	197		"	200		98.4					
Methyl acetate	173		"	200		86.4					
Methyl Methacrylate	217		"	200		109					
Methyl tert-butyl ether (MTBE)	188		"	200		94.1					
Methylcyclohexane	228		"	200		114					
Methylene chloride	149		"	200		74.7					
Naphthalene	254		"	200		127					
n-Butylbenzene	220		"	200		110					
n-Propylbenzene	202		"	200		101					
o-Xylene	203		"	200		102					
p- & m- Xylenes	437		"	400		109					
p-Diethylbenzene	226		"	200		113					
p-Ethyltoluene	196		"	200		98.0					
p-Isopropyltoluene	210		"	200		105					
sec-Butylbenzene	203		"	200		102					
Styrene	207		"	200		104					
tert-Amyl alcohol (TAA)	1120		"	1000		112					
tert-Amyl methyl ether (TAME)	230		"	200		115					
tert-Butyl alcohol (TBA)	1120		"	1000		112					
tert-Butylbenzene	207		"	200		104					
Tetrachloroethylene	226		"	200		113					
Tetrahydrofuran	1010		"	1000		101					
Toluene	213		"	200		106					
trans-1,2-Dichloroethylene	170		"	200		85.1					
trans-1,3-Dichloropropylene	221		"	200		110					
trans-1,4-dichloro-2-butene	214		"	200		107					
Trichloroethylene	235		"	200		118					
Trichlorofluoromethane	164		"	200		82.2					
Vinyl acetate	207		"	200		104					
Vinyl Chloride	184		"	200		92.2					
Surrogate: SURR: 1,2-Dichloroethane-d4	*47.3*		*"*	*50.0*		*94.7*					
Surrogate: SURR: Toluene-d8	*46.2*		*"*	*50.0*		*92.3*					
Surrogate: SURR: p-Bromofluorobenzene	*42.2*		*"*	*50.0*		*84.4*					

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5J3011 - BJ51804											
8260 (S5J3011-CAL9)											Prepared & Analyzed: 10/29/2025
1,1,1,2-Tetrachloroethane	423		ug/L	400		106					
1,1,1-Trichloroethane	420		"	400		105					
1,1,2,2-Tetrachloroethane	327		"	400		81.6					
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	292		"	400		72.9					
1,1,2-Trichloroethane	442		"	400		110					
1,1-Dichloroethane	311		"	400		77.8					
1,1-Dichloroethylene	263		"	400		65.8					
1,1-Dichloropropylene	410		"	400		102					
1,2,3-Trichlorobenzene	557		"	400		139					
1,2,3-Trichloropropane	393		"	400		98.2					
1,2,4,5-Tetramethylbenzene	556		"	400		139					
1,2,4-Trichlorobenzene	586		"	400		146					
1,2,4-Trimethylbenzene	417		"	400		104					
1,2-Dibromo-3-chloropropane	448		"	400		112					
1,2-Dibromoethane	401		"	400		100					
1,2-Dichlorobenzene	427		"	400		107					
1,2-Dichloroethane	377		"	400		94.2					
1,2-Dichloropropane	446		"	400		111					
1,3,5-Trimethylbenzene	422		"	400		106					
1,3-Dichlorobenzene	408		"	400		102					
1,3-Dichloropropane	398		"	400		99.5					
1,4-Dichlorobenzene	426		"	400		107					
2,2-Dichloropropane	429		"	400		107					
2-Butanone	407		"	400		102					
2-Chloroethylvinyl ether	386		"	400		96.5					
2-Chlorotoluene	374		"	400		93.4					
2-Hexanone	407		"	400		102					
4-Chlorotoluene	375		"	400		93.6					
4-Methyl-2-pentanone	434		"	400		108					
Acetone	215		"	400		53.8					
Acrolein	1040		"	1600		64.9					
Acrylonitrile	1860		"	2000		92.8					
Benzene	412		"	400		103					
Bromobenzene	352		"	400		87.9					
Bromochloromethane	361		"	400		90.1					
Bromodichloromethane	431		"	400		108					
Bromoform	437		"	400		109					
Bromomethane	320		"	400		80.0					
Carbon disulfide	243		"	400		60.8					
Carbon tetrachloride	436		"	400		109					
Chlorobenzene	450		"	400		112					
Chloroethane	288		"	400		72.0					
Chloroform	390		"	400		97.5					
Chloromethane	364		"	400		91.0					
cis-1,2-Dichloroethylene	389		"	400		97.4					
cis-1,3-Dichloropropylene	456		"	400		114					
Cyclohexane	420		"	400		105					
Dibromochloromethane	413		"	400		103					
Dibromomethane	438		"	400		110					
Dichlorodifluoromethane	333		"	400		83.3					

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5J3011 - BJ51804											
8260 (S5J3011-CAL9)											Prepared & Analyzed: 10/29/2025
Diisopropyl ether (DIPE)	444		ug/L	400		111					
Ethanol	9880		"	16000		61.8					
Ethyl Benzene	423		"	400		106					
Ethyl tert-butyl ether (ETBE)	460		"	400		115					
Hexachlorobutadiene	551		"	400		138					
Iodomethane	324		"	400		81.0					
Isopropylbenzene	378		"	400		94.4					
Methyl acetate	276		"	400		68.9					
Methyl Methacrylate	475		"	400		119					
Methyl tert-butyl ether (MTBE)	328		"	400		82.1					
Methylcyclohexane	522		"	400		130					
Methylene chloride	170		"	400		42.5					
Naphthalene	544		"	400		136					
n-Butylbenzene	441		"	400		110					
n-Propylbenzene	381		"	400		95.3					
o-Xylene	446		"	400		111					
p- & m- Xylenes	895		"	800		112					
p-Diethylbenzene	487		"	400		122					
p-Ethyltoluene	407		"	400		102					
p-Isopropyltoluene	448		"	400		112					
sec-Butylbenzene	407		"	400		102					
Styrene	455		"	400		114					
tert-Amyl alcohol (TAA)	2150		"	2000		108					
tert-Amyl methyl ether (TAME)	475		"	400		119					
tert-Butyl alcohol (TBA)	2300		"	2000		115					
tert-Butylbenzene	431		"	400		108					
Tetrachloroethylene	519		"	400		130					
Tetrahydrofuran	2040		"	2000		102					
Toluene	446		"	400		111					
trans-1,2-Dichloroethylene	274		"	400		68.6					
trans-1,3-Dichloropropylene	456		"	400		114					
trans-1,4-dichloro-2-butene	406		"	400		101					
Trichloroethylene	518		"	400		130					
Trichlorofluoromethane	285		"	400		71.3					
Vinyl acetate	410		"	400		103					
Vinyl Chloride	346		"	400		86.5					
Surrogate: SURR: 1,2-Dichloroethane-d4	*44.2*		*"*	*50.0*		*88.4*					
Surrogate: SURR: Toluene-d8	*43.1*		*"*	*50.0*		*86.2*					
Surrogate: SURR: p-Bromofluorobenzene	*33.4*		*"*	*50.0*		*66.7*					

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5J3011 - BJ51804											
8260 (S5J3011-SCV1)								Prepared & Analyzed: 10/29/2025			
1,1,1,2-Tetrachloroethane	51.8		ug/L	50.0		104	70-130				
1,1,1-Trichloroethane	53.4		"	50.0		107	70-130				
1,1,2,2-Tetrachloroethane	55.7		"	50.0		111	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	49.1		"	50.0		98.2	70-130				
1,1,2-Trichloroethane	51.9		"	50.0		104	70-130				
1,1-Dichloroethane	41.8		"	50.0		83.7	70-130				
1,1-Dichloroethylene	46.8		"	50.0		93.6	70-130				
1,1-Dichloropropylene	48.2		"	50.0		96.5	70-130				
1,2,3-Trichlorobenzene	45.9		"	50.0		91.7	70-130				
1,2,3-Trichloropropane	54.6		"	50.0		109	70-130				
1,2,4,5-Tetramethylbenzene	47.1		"	50.0		94.2	70-130				
1,2,4-Trichlorobenzene	47.0		"	50.0		94.1	70-130				
1,2,4-Trimethylbenzene	54.2		"	50.0		108	70-130				
1,2-Dibromo-3-chloropropane	51.4		"	50.0		103	70-130				
1,2-Dibromoethane	55.9		"	50.0		112	70-130				
1,2-Dichlorobenzene	49.9		"	50.0		99.8	70-130				
1,2-Dichloroethane	52.9		"	50.0		106	70-130				
1,2-Dichloropropane	51.7		"	50.0		103	70-130				
1,3,5-Trimethylbenzene	53.8		"	50.0		108	70-130				
1,3-Dichlorobenzene	50.9		"	50.0		102	70-130				
1,3-Dichloropropane	53.0		"	50.0		106	70-130				
1,4-Dichlorobenzene	51.1		"	50.0		102	70-130				
2,2-Dichloropropane	51.1		"	50.0		102	70-130				
2-Butanone	54.6		"	50.0		109	70-130				
2-Chloroethylvinyl ether	62.4		"	50.0		125	70-130				
2-Chlorotoluene	53.4		"	50.0		107	70-130				
2-Hexanone	59.5		"	50.0		119	70-130				
4-Chlorotoluene	54.0		"	50.0		108	70-130				
4-Methyl-2-pentanone	58.5		"	50.0		117	70-130				
Acetone	44.4		"	50.0		88.9	70-130				
Acrolein	144		"	200		72.0	70-130				
Acrylonitrile	51.0		"	50.0		102	70-130				
Benzene	52.6		"	50.0		105	70-130				
Bromobenzene	55.8		"	50.0		112	70-130				
Bromochloromethane	54.5		"	50.0		109	70-130				
Bromodichloromethane	50.6		"	50.0		101	70-130				
Bromoform	53.2		"	50.0		106	70-130				
Bromomethane	67.6		"	49.9		135	70-130	High Bias			
Carbon disulfide	41.2		"	50.0		82.3	70-130				
Carbon tetrachloride	52.0		"	50.0		104	70-130				
Chlorobenzene	50.4		"	50.0		101	70-130				
Chloroethane	73.4		"	50.0		147	70-130	High Bias			
Chloroform	52.6		"	50.0		105	70-130				
Chloromethane	68.4		"	50.0		137	70-130	High Bias			
cis-1,2-Dichloroethylene	54.5		"	50.0		109	70-130				
cis-1,3-Dichloropropylene	52.3		"	50.0		105	70-130				
Cyclohexane	49.7		"	50.0		99.5	70-130				
Dibromochloromethane	53.4		"	50.0		107	70-130				
Dibromomethane	50.4		"	50.0		101	70-130				
Dichlorodifluoromethane	65.0		"	50.0		130	70-130				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5J3011 - BJ51804											
8260 (S5J3011-SCV1)								Prepared & Analyzed: 10/29/2025			
Diisopropyl ether (DIPE)	60.4		ug/L	50.0		121	70-130				
Ethyl Benzene	52.6		"	50.0		105	70-130				
Ethyl tert-butyl ether (ETBE)	52.9		"	50.0		106	70-130				
Hexachlorobutadiene	44.0		"	50.0		87.9	70-130				
Iodomethane	27.1		"	50.0		54.3	70-130	Low Bias			
Isopropylbenzene	55.7		"	50.0		111	70-130				
Methyl acetate	44.4		"	50.0		88.8	70-130				
Methyl Methacrylate	59.0		"	50.0		118	70-130				
Methyl tert-butyl ether (MTBE)	50.6		"	50.0		101	70-130				
Methylcyclohexane	47.4		"	50.0		94.9	70-130				
Methylene chloride	44.1		"	50.0		88.2	70-130				
Naphthalene	45.4		"	50.0		90.9	70-130				
n-Butylbenzene	34.0		"	50.0		68.0	70-130	Low Bias			
n-Propylbenzene	51.5		"	50.0		103	70-130				
o-Xylene	55.3		"	50.0		111	70-130				
p- & m- Xylenes	104		"	100		104	70-130				
p-Diethylbenzene	50.2		"	50.0		100	70-130				
p-Ethyltoluene	55.5		"	50.0		111	70-130				
p-Isopropyltoluene	52.7		"	50.0		105	70-130				
sec-Butylbenzene	51.0		"	50.0		102	70-130				
Styrene	50.8		"	50.0		102	70-130				
tert-Amyl alcohol (TAA)	566		"	500		113	70-130				
tert-Amyl methyl ether (TAME)	54.7		"	50.0		109	70-130				
tert-Butyl alcohol (TBA)	264		"	250		106	70-130				
tert-Butylbenzene	45.3		"	50.0		90.6	70-130				
Tetrachloroethylene	42.1		"	50.0		84.2	70-130				
Tetrahydrofuran	68.5		"	50.0		137	70-130	High Bias			
Toluene	51.8		"	50.0		104	70-130				
trans-1,2-Dichloroethylene	45.8		"	50.0		91.7	70-130				
trans-1,3-Dichloropropylene	52.3		"	50.0		105	70-130				
trans-1,4-dichloro-2-butene	54.8		"	50.0		110	70-130				
Trichloroethylene	47.1		"	50.0		94.3	70-130				
Trichlorofluoromethane	57.8		"	50.4		115	70-130				
Vinyl acetate	54.2		"	50.0		108	70-130				
Vinyl Chloride	62.0		"	50.3		123	70-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*52.3*		*"*	*50.0*		*105*	*70-130*				
Surrogate: SURR: Toluene-d8	*51.8*		*"*	*50.0*		*104*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*54.5*		*"*	*50.0*		*109*	*70-130*				

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

Batch BK51007 - EPA 3550C

Blank (BK51007-BLK1)

Prepared & Analyzed: 11/17/2025

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.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51007 - EPA 3550C											
Blank (BK51007-BLK1)											
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	"								
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	"								
Pyridine	ND	166	"								
Surrogate: SURR: 2-Fluorophenol	*971*		"	*1660*		*58.4*	*30-108*				
Surrogate: SURR: Phenol-d6	*769*		"	*1660*		*46.3*	*30-114*				
Surrogate: SURR: Nitrobenzene-d5	*501*		"	*831*		*60.4*	*30-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*540*		"	*831*		*65.0*	*30-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1300*		"	*1660*		*78.5*	*30-110*				
Surrogate: SURR: Terphenyl-d14	*594*		"	*831*		*71.6*	*30-116*				

Prepared & Analyzed: 11/17/2025

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51007 - EPA 3550C											
LCS (BK51007-BS1)								Prepared & Analyzed: 11/17/2025			
1,1-Biphenyl	552	41.6	ug/kg wet	831		66.5	70-111	Low Bias			
1,2,4,5-Tetrachlorobenzene	508	83.0	"	831		61.2	70-130	Low Bias			
1,2,4-Trichlorobenzene	655	41.6	"	831		78.9	10-140				
1,2-Dichlorobenzene	539	41.6	"	831		64.8	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	495	41.6	"	831		59.6	17-137				
1,3-Dichlorobenzene	542	41.6	"	831		65.2	33-110				
1,4-Dichlorobenzene	539	41.6	"	831		64.9	32-104				
2,3,4,6-Tetrachlorophenol	584	83.0	"	831		70.3	70-130				
2,4,5-Trichlorophenol	550	41.6	"	831		66.3	70-118	Low Bias			
2,4,6-Trichlorophenol	600	41.6	"	831		72.3	70-120				
2,4-Dichlorophenol	617	41.6	"	831		74.2	70-127				
2,4-Dimethylphenol	584	41.6	"	831		70.4	70-130				
2,4-Dinitrophenol	171	83.0	"	831		20.6	20-160				
2,4-Dinitrotoluene	580	41.6	"	831		69.8	70-130	Low Bias			
2,6-Dinitrotoluene	571	41.6	"	831		68.7	70-128	Low Bias			
2-Chloronaphthalene	551	41.6	"	831		66.4	70-117	Low Bias			
2-Chlorophenol	537	41.6	"	831		64.6	70-113	Low Bias			
2-Methylnaphthalene	557	41.6	"	831		67.1	70-130	Low Bias			
2-Methylphenol	484	41.6	"	831		58.3	70-130	Low Bias			
2-Nitroaniline	550	83.0	"	831		66.2	70-130	Low Bias			
2-Nitrophenol	647	41.6	"	831		77.8	70-129				
3- & 4-Methylphenols	413	41.6	"	831		49.7	29-103				
3,3-Dichlorobenzidine	507	41.6	"	831		61.1	70-130	Low Bias			
3-Nitroaniline	466	83.0	"	831		56.2	70-130	Low Bias			
4,6-Dinitro-2-methylphenol	377	83.0	"	831		45.4	70-130	Low Bias			
4-Bromophenyl phenyl ether	637	41.6	"	831		76.7	70-120				
4-Chloro-3-methylphenol	580	41.6	"	831		69.9	70-129	Low Bias			
4-Chloroaniline	232	41.6	"	831		27.9	70-130	Low Bias			
4-Chlorophenyl phenyl ether	571	41.6	"	831		68.8	70-124	Low Bias			
4-Nitroaniline	466	83.0	"	831		56.2	70-128	Low Bias			
4-Nitrophenol	323	83.0	"	831		38.9	20-141				
Acenaphthene	499	41.6	"	831		60.0	70-121	Low Bias			
Acenaphthylene	558	41.6	"	831		67.2	70-115	Low Bias			
Acetophenone	460	41.6	"	831		55.4	70-112	Low Bias			
Aniline	425	166	"	831		51.1	10-119				
Anthracene	568	41.6	"	831		68.4	70-118	Low Bias			
Atrazine	525	41.6	"	831		63.2	70-112	Low Bias			
Benzaldehyde	457	41.6	"	831		55.1	21-100				
Benzo(a)anthracene	582	41.6	"	831		70.1	70-122				
Benzo(a)pyrene	562	41.6	"	831		67.6	70-130	Low Bias			
Benzo(b)fluoranthene	537	41.6	"	831		64.6	70-130	Low Bias			
Benzo(g,h,i)perylene	565	41.6	"	831		68.0	70-130	Low Bias			
Benzo(k)fluoranthene	582	41.6	"	831		70.0	70-128				
Benzoic acid	300	41.6	"	831		36.2	10-140				
Benzyl alcohol	480	41.6	"	831		57.8	30-115				
Benzyl butyl phthalate	597	41.6	"	831		71.9	70-126				
Bis(2-chloroethoxy)methane	527	41.6	"	831		63.4	70-130	Low Bias			
Bis(2-chloroethyl)ether	444	41.6	"	831		53.4	70-125	Low Bias			
Bis(2-chloroisopropyl)ether	302	41.6	"	831		36.4	70-130	Low Bias			
Bis(2-ethylhexyl)phthalate	613	41.6	"	831		73.8	70-130				
Caprolactam	508	83.0	"	831		61.2	20-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK51007 - EPA 3550C											
LCS (BK51007-BS1)								Prepared & Analyzed: 11/17/2025			
Carbazole	528	41.6	ug/kg wet	831		63.6	70-123	Low Bias			
Chrysene	574	41.6	"	831		69.1	70-123	Low Bias			
Dibenzo(a,h)anthracene	552	41.6	"	831		66.4	70-130	Low Bias			
Dibenzofuran	548	41.6	"	831		65.9	70-121	Low Bias			
Diethyl phthalate	521	41.6	"	831		62.7	70-116	Low Bias			
Dimethyl phthalate	541	41.6	"	831		65.1	70-124	Low Bias			
Di-n-butyl phthalate	553	41.6	"	831		66.6	70-116	Low Bias			
Di-n-octyl phthalate	578	41.6	"	831		69.6	70-130	Low Bias			
Fluoranthene	516	41.6	"	831		62.1	70-122	Low Bias			
Fluorene	540	41.6	"	831		65.0	70-123	Low Bias			
Hexachlorobenzene	553	41.6	"	831		66.6	70-124	Low Bias			
Hexachlorobutadiene	728	41.6	"	831		87.6	70-130				
Hexachlorocyclopentadiene	201	41.6	"	831		24.2	20-129				
Hexachloroethane	518	41.6	"	831		62.4	28-108				
Indeno(1,2,3-cd)pyrene	655	41.6	"	831		78.9	70-130				
Isophorone	510	41.6	"	831		61.4	70-130	Low Bias			
Naphthalene	583	41.6	"	831		70.2	70-124				
Nitrobenzene	496	41.6	"	831		59.7	70-130	Low Bias			
N-Nitrosodimethylamine	398	41.6	"	831		47.9	11-129				
N-nitroso-di-n-propylamine	415	41.6	"	831		49.9	70-119	Low Bias			
N-Nitrosodiphenylamine	698	41.6	"	831		84.0	70-130				
Pentachlorophenol	495	41.6	"	831		59.6	20-139				
Phenanthrene	543	41.6	"	831		65.3	70-123	Low Bias			
Phenol	499	41.6	"	831		60.0	23-115				
Pyrene	640	41.6	"	831		77.0	70-130				
Pyridine	368	166	"	831		44.3	10-91				
Surrogate: SURR: 2-Fluorophenol	*958*		"	*1660*		*57.7*	*30-108*				
Surrogate: SURR: Phenol-d6	*852*		"	*1660*		*51.3*	*30-114*				
Surrogate: SURR: Nitrobenzene-d5	*498*		"	*831*		*60.0*	*30-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*562*		"	*831*		*67.6*	*30-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1510*		"	*1660*		*90.6*	*30-110*				
Surrogate: SURR: Terphenyl-d14	*654*		"	*831*		*78.8*	*30-116*				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
25K0612-01	FP	40mL Vial with Stir Bar-Cool 4° C
25K0612-02	Pipe_End	40mL Vial with Stir Bar-Cool 4° C

Sample and Data Qualifiers Relating to This Work Order

ZZ:/\	Analyte is not certified but the state of sample origination offer certification for the Analyte
S-08	The recovery of this surrogate was outside of QC limits.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
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.
ICVE20	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 20% of expected value).
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)

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

ALS Project Number: 25K0617

ALS' Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for ALS to proceed with the analyses requested below. Your signature binds you to ALS' Standard Terms & Conditions.

ALS environmental

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | 56 Church Hill Rd. #2 Newtown, CT 06470 | 2161 Whitesville Rd Toms River, NJ 08755 | clientservices@yorklab.com | 800-306-YORK | 800-306-9675

Report To:
Company: Laurel Environmental
Address: 53 West Hills Road, Huntington Station, NY
Phone: 631-673-0617
Contact: Scott Yanuck
E-mail: ~~labresults~~labresults@laurelenv.com

Invoice To:
Company:
Address: KATHY
Phone:
Contact:
E-mail: jbourgher@laurelenv.com

YOUR Project Name / Number: 280 Richmond Valley Road, Staten Island

PO Number: A22-115 JB

Samples Collected From: NY [X] CT [ ] NJ [ ] PA [ ] Other: (please specify)

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

BARBARA LUNZ
Barbara Lunz
Samples Collected by: (print AND sign your name)

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

Preservative (please list number of containers)

Analyses Requested

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other:	Grab or Comp. G/C
FP	11/11/25	13:00	S											G
Pipe-End	↓	13:30	↓											↓

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

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

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

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

Field Filtered
Lab Filtered

Comments:
Hold for further instructions

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

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N
Custody Seals: Y / N | Containers Intact: Y / N | COC/Labels Agree: Y / N | Preservation Confirmed: Y / N
COC Complete: Y / N | COC Received: Y / N | Appropriate Sample Volumes: Y / N | Appropriate Sample Containers: Y / N
Cooler Temperature Confirmed: Y / N | Samples Submitted within Holding Times: Y / N | Corrective Action Form Required: Y / N

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
Barbara Lunz / Laurel	11/12/25 1025	1. K Baker York	11/12/25 1025	2. K Baker York	11/12/25 1630
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
					11/12/25 1630 2.8 Degrees C

APPENDIX P

Waste Characterization
Laboratory Data Package

Technical Report

prepared for:

Laurel Environmental Geosciences, D.P.C.
53 W Hills Road, Suite 1
Huntington Station NY, 11746
Attention: Jamie Burgher

Report Date: 12/12/2025
Client Project ID: 236 Richmond Valley RD, Staten Island A22-115 JB
York Project (SDG) No.: 25K1395

Report Date: 12/12/2025
Client Project ID: 236 Richmond Valley RD, Staten Island A22-115 JB
York Project (SDG) No.: 25K1395

Laurel Environmental Geosciences, D.P.C.
53 W Hills Road, Suite 1
Huntington Station NY, 11746
Attention: Jamie Burgher

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on November 26, 2025 and listed below. The project was identified as your project: **236 Richmond Valley RD, Staten Island A22-115 JB**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

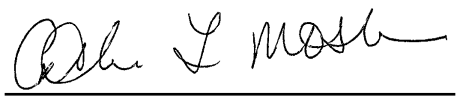
The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
25K1395-01	Grab-1	Soil	11/26/2025	11/26/2025
25K1395-02	Composite-1	Soil	11/26/2025	11/26/2025

General Notes for York Project (SDG) No.: 25K1395

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 NYDOH-NY10854, NJDEP-CT005, PADEP-68-04440, CTDPH-PH0840; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NYDOH-NY12058, NJDEP-NY037, CTDPH-PH0837, NHDES-NH2097, MDDEP-375, PADEP-68-06231.

Approved By: 

Cassie Mosher
Laboratory Manager - Stratford

Date: 12/12/2025

Client:	Laurel Environmental Geosciences, D.P.C.	**York Sample ID:**	**25K1395-01**
Client Project:	236 Richmond Valley RD, Staten Island A22-115 JB	**Date Received:**	11/26/2025
Client Sample ID:	Grab-1	**Collection Date/Time:**	11/26/25 12:35

Lab ID:	**25K1395-01**	**Laboratory:**	Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
1,1,1,2-Tetrachloroethane	ND		3.9	7.9	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS
1,1,1-Trichloroethane	ND		3.9	7.9	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS
1,1,2,2-Tetrachloroethane	ND		3.9	7.9	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		3.9	7.9	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS
1,1,2-Trichloroethane	ND		3.9	7.9	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS
1,1-Dichloroethane	ND		3.9	7.9	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS
1,1-Dichloroethylene	ND		3.9	7.9	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS
1,1-Dichloropropylene	ND		3.9	7.9	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS
1,2,3-Trichlorobenzene	ND		3.9	7.9	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS
1,2,3-Trichloropropane	ND		3.9	7.9	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS
* 1,2,4,5-Tetramethylbenzene	ND		3.9	7.9	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS
1,2,4-Trichlorobenzene	ND		3.9	7.9	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS
1,2,4-Trimethylbenzene	ND		3.9	7.9	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS
1,2-Dibromo-3-chloropropane	ND		3.9	7.9	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS
1,2-Dibromoethane	ND		3.9	7.9	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS
1,2-Dichlorobenzene	ND		3.9	7.9	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS
1,2-Dichloroethane	ND		3.9	7.9	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS
1,2-Dichloropropane	ND		3.9	7.9	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS
1,3,5-Trimethylbenzene	ND		3.9	7.9	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS
1,3-Dichlorobenzene	ND		3.9	7.9	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS
1,3-Dichloropropane	ND		3.9	7.9	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS
1,4-Dichlorobenzene	ND		3.9	7.9	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS
2,2-Dichloropropane	ND		3.9	7.9	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS
2-Butanone	ND		3.9	7.9	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS
2-Chloroethylvinyl ether	ND	CCVE	16	31	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS
2-Chlorotoluene	ND		3.9	7.9	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS
2-Hexanone	ND		3.9	7.9	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS
4-Chlorotoluene	ND		3.9	7.9	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS
4-Methyl-2-pentanone	ND		3.9	7.9	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS
Acetone	ND		7.9	16	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS
Acrolein	ND	ICVE	7.9	16	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS
Acrylonitrile	ND		3.9	7.9	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS
Benzene	ND		3.9	7.9	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS
Bromobenzene	ND		3.9	7.9	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS
Bromochloromethane	ND		3.9	7.9	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS
Bromodichloromethane	ND		3.9	7.9	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS
Bromoform	ND		3.9	7.9	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS
Bromomethane	ND		3.9	7.9	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS
Carbon disulfide	ND		3.9	7.9	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS
Carbon tetrachloride	ND		3.9	7.9	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS
Chlorobenzene	ND		3.9	7.9	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS
Chloroethane	ND		3.9	7.9	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS

Client:	Laurel Environmental Geosciences, D.P.C.	**York Sample ID:**	**25K1395-01**
Client Project:	236 Richmond Valley RD, Staten Island A22-115 JB	**Date Received:**	11/26/2025
Client Sample ID:	Grab-1	**Collection Date/Time:**	11/26/25 12:35

Lab ID:	**25K1395-01**	**Laboratory:**	Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
Chloroform	ND		3.9	7.9	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS
Chloromethane	ND	CCVE	3.9	7.9	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS
cis-1,2-Dichloroethylene	ND		3.9	7.9	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS
cis-1,3-Dichloropropylene	ND		3.9	7.9	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS
Cyclohexane	ND		3.9	7.9	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS
Dibromochloromethane	ND		3.9	7.9	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS
Dibromomethane	ND		3.9	7.9	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS
Dichlorodifluoromethane	ND	CCVE, ICVE	3.9	7.9	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS
* Diisopropyl ether (DIPE)	ND		6.3	13	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS
* Ethanol	ND		63	130	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS
Ethyl Benzene	ND		3.9	7.9	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS
* Ethyl tert-butyl ether (ETBE)	ND	CCVE	6.3	13	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS
Hexachlorobutadiene	ND		3.9	7.9	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS
* Iodomethane	ND		3.9	7.9	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS
Isopropylbenzene	ND		3.9	7.9	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS
Methyl acetate	ND		3.9	7.9	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS
Methyl Methacrylate	ND		3.9	7.9	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS
Methyl tert-butyl ether (MTBE)	ND	QL-02, CCVE	3.9	7.9	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS
Methylcyclohexane	ND		3.9	7.9	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS
* Methylene chloride	ND		7.9	16	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS
Naphthalene	ND		3.9	16	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS
n-Butylbenzene	ND		3.9	7.9	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS
n-Propylbenzene	ND		3.9	7.9	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS
o-Xylene	ND		3.9	7.9	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS
p- & m- Xylenes	ND		7.9	16	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS
* p-Diethylbenzene	ND		3.9	7.9	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS
* p-Ethyltoluene	ND		3.9	7.9	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS
p-Isopropyltoluene	ND		3.9	7.9	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS
sec-Butylbenzene	ND		3.9	7.9	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS
Styrene	ND		3.9	7.9	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS
* tert-Amyl alcohol (TAA)	ND	CCVE	63	130	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS
* tert-Amyl methyl ether (TAME)	ND	CCVE	6.3	13	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS
tert-Butyl alcohol (TBA)	ND	CCVE	20	39	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS
tert-Butylbenzene	ND		3.9	7.9	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS
Tetrachloroethylene	ND		3.9	7.9	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS
* Tetrahydrofuran	ND		7.9	16	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS
Toluene	ND		3.9	7.9	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS
trans-1,2-Dichloroethylene	ND		3.9	7.9	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS
trans-1,3-Dichloropropylene	ND		3.9	7.9	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS
* trans-1,4-dichloro-2-butene	ND		3.9	7.9	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS
Trichloroethylene	ND		3.9	7.9	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS

Client:	Laurel Environmental Geosciences, D.P.C.	**York Sample ID:**	**25K1395-01**
Client Project:	236 Richmond Valley RD, Staten Island A22-115 JB	**Date Received:**	11/26/2025
Client Sample ID:	Grab-1	**Collection Date/Time:**	11/26/25 12:35

Lab ID:	**25K1395-01**	**Laboratory:**	Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A	**Sample Notes:**	

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
Trichlorofluoromethane	ND		3.9	7.9	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS
Vinyl acetate	ND		3.9	7.9	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS
Vinyl Chloride	ND	CCVE	3.9	7.9	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS
Xylenes, Total	ND		12	24	1	ug/kg dry	EPA 8260D	12/1/25 8:10	12/ 1/25 17:50	PRS

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*111 %*		*77-125*	*EPA 8260D*	*12/ 1/25 17:50*
Surrogate: SURR: Toluene-d8	*97.2 %*		*85-120*	*EPA 8260D*	*12/ 1/25 17:50*
Surrogate: SURR: p-Bromofluorobenzene	*104 %*		*76-130*	*EPA 8260D*	*12/ 1/25 17:50*

Lab ID:	**25K1395-01**	**Laboratory:**	Stratford
Analysis:	**Volatile Organic Compounds by GC/MS TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5030B/1311	**Sample Notes:**	

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
1,1-Dichloroethylene	ND		2.5	5.0	1	ug/L	EPA 8260D/1311	12/4/25 7:20	12/ 4/25 17:48	PRS
1,2-Dichloroethane	ND		2.5	5.0	1	ug/L	EPA 8260D/1311	12/4/25 7:20	12/ 4/25 17:48	PRS
1,4-Dichlorobenzene	ND		2.5	5.0	1	ug/L	EPA 8260D/1311	12/4/25 7:20	12/ 4/25 17:48	PRS
2-Butanone	ND		2.5	5.0	1	ug/L	EPA 8260D/1311	12/4/25 7:20	12/ 4/25 17:48	PRS
Benzene	ND		2.5	5.0	1	ug/L	EPA 8260D/1311	12/4/25 7:20	12/ 4/25 17:48	PRS
Carbon tetrachloride	ND		2.5	5.0	1	ug/L	EPA 8260D/1311	12/4/25 7:20	12/ 4/25 17:48	PRS
Chlorobenzene	ND		2.5	5.0	1	ug/L	EPA 8260D/1311	12/4/25 7:20	12/ 4/25 17:48	PRS
Chloroform	ND		2.5	5.0	1	ug/L	EPA 8260D/1311	12/4/25 7:20	12/ 4/25 17:48	PRS
Tetrachloroethylene	ND		2.5	5.0	1	ug/L	EPA 8260D/1311	12/4/25 7:20	12/ 4/25 17:48	PRS
Trichloroethylene	ND		2.5	5.0	1	ug/L	EPA 8260D/1311	12/4/25 7:20	12/ 4/25 17:48	PRS
Vinyl Chloride	ND	CCVE	2.5	5.0	1	ug/L	EPA 8260D/1311	12/4/25 7:20	12/ 4/25 17:48	PRS

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*107 %*		*65-135*	*EPA 8260D/1311*	*12/ 4/25 17:48*
Surrogate: SURR: Toluene-d8	*102 %*		*86-118*	*EPA 8260D/1311*	*12/ 4/25 17:48*
Surrogate: SURR: p-Bromofluorobenzene	*107 %*		*84.2-124*	*EPA 8260D/1311*	*12/ 4/25 17:48*

Lab ID:	**25K1395-01**	**Laboratory:**	Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
* % Solids	**78.7**		0.100	0.100	1	%	SM 2540G	12/3/25 8:16	12/ 3/25 11:59	BF

Lab ID:	**25K1395-01**	**Laboratory:**	Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil

Client:	Laurel Environmental Geosciences, D.P.C.	**York Sample ID:**	**25K1395-01**
Client Project:	236 Richmond Valley RD, Staten Island A22-115 JB	**Date Received:**	11/26/2025
Client Sample ID:	Grab-1	**Collection Date/Time:**	11/26/25 12:35

Lab ID:	**25K1395-01**	**Laboratory:**	Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA	**Sample Notes:**	EXT-Temp

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
TCLP Extraction	Completed		1.00	1.00	1	N/A	EPA 1311	12/3/25 14:47	12/ 4/25 13:11	TAJ

Client:	Laurel Environmental Geosciences, D.P.C.	**York Sample ID:**	**25K1395-02**
Client Project:	236 Richmond Valley RD, Staten Island A22-115 JB	**Date Received:**	11/26/2025
Client Sample ID:	Composite-1	**Collection Date/Time:**	11/26/25 12:50

Lab ID:	**25K1395-02**	**Laboratory:**	Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3510C/1311	**Sample Notes:**	EXT-EM

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
1,4-Dichlorobenzene	ND		0.00500	0.0100	1	mg/L	EPA 8270E/1311	12/2/25 12:38	12/ 2/25 22:25	AK
2,4,5-Trichlorophenol	ND		0.00500	0.0100	1	mg/L	EPA 8270E/1311	12/2/25 12:38	12/ 2/25 22:25	AK
2,4,6-Trichlorophenol	ND		0.00500	0.0100	1	mg/L	EPA 8270E/1311	12/2/25 12:38	12/ 2/25 22:25	AK
2,4-Dinitrotoluene	ND		0.00500	0.0100	1	mg/L	EPA 8270E/1311	12/2/25 12:38	12/ 2/25 22:25	AK
2-Methylphenol	ND		0.00500	0.0100	1	mg/L	EPA 8270E/1311	12/2/25 12:38	12/ 2/25 22:25	AK
* 3- & 4-Methylphenols	ND		0.00500	0.0100	1	mg/L	EPA 8270E/1311	12/2/25 12:38	12/ 2/25 22:25	AK
* Cresols, total	ND		0.0200	0.0300	1	mg/L	EPA 8270E/1311	12/2/25 12:38	12/ 2/25 22:25	AK
Hexachlorobenzene	ND		0.00500	0.0100	1	mg/L	EPA 8270E/1311	12/2/25 12:38	12/ 2/25 22:25	AK
Hexachlorobutadiene	ND		0.00500	0.0100	1	mg/L	EPA 8270E/1311	12/2/25 12:38	12/ 2/25 22:25	AK
Hexachloroethane	ND		0.00250	0.00500	1	mg/L	EPA 8270E/1311	12/2/25 12:38	12/ 2/25 22:25	AK
Nitrobenzene	ND		0.00500	0.0100	1	mg/L	EPA 8270E/1311	12/2/25 12:38	12/ 2/25 22:25	AK
Pentachlorophenol	ND	CCVE	0.00500	0.0100	1	mg/L	EPA 8270E/1311	12/2/25 12:38	12/ 2/25 22:25	AK
Pyridine	ND		0.00500	0.0100	1	mg/L	EPA 8270E/1311	12/2/25 12:38	12/ 2/25 22:25	AK

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 2-Fluorophenol	*44.5 %*		*10-90.9*	*EPA 8270E/1311*	*12/ 2/25 22:25*
Surrogate: SURR: Phenol-d6	*25.6 %*		*10-69.2*	*EPA 8270E/1311*	*12/ 2/25 22:25*
Surrogate: SURR: Nitrobenzene-d5	*63.9 %*		*19.2-141*	*EPA 8270E/1311*	*12/ 2/25 22:25*
Surrogate: SURR: 2-Fluorobiphenyl	*54.1 %*		*24.8-127*	*EPA 8270E/1311*	*12/ 2/25 22:25*
Surrogate: SURR: 2,4,6-Tribromophenol	*55.3 %*		*23-163*	*EPA 8270E/1311*	*12/ 2/25 22:25*
Surrogate: SURR: Terphenyl-d14	*60.2 %*		*25.8-110*	*EPA 8270E/1311*	*12/ 2/25 22:25*

Lab ID:	**25K1395-02**	**Laboratory:**	Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3510C/1311	**Sample Notes:**	

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst

Client:	Laurel Environmental Geosciences, D.P.C.	**York Sample ID:**	**25K1395-02**
Client Project:	236 Richmond Valley RD, Staten Island A22-115 JB	**Date Received:**	11/26/2025
Client Sample ID:	Composite-1	**Collection Date/Time:**	11/26/25 12:50

Lab ID:	**25K1395-02**	**Laboratory:**	Stratford
Analysis:	**Organochlorine Pesticides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3510C/1311	**Sample Notes:**	

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
Endrin	ND		0.0444	0.0444	1	ug/L	EPA 8081B/1311	12/2/25 12:36	12/ 2/25 21:07	RJ
gamma-BHC (Lindane)	ND		0.0444	0.0444	1	ug/L	EPA 8081B/1311	12/2/25 12:36	12/ 2/25 21:07	RJ
Heptachlor	ND		0.0444	0.0444	1	ug/L	EPA 8081B/1311	12/2/25 12:36	12/ 2/25 21:07	RJ
Heptachlor epoxide	ND		0.0444	0.0444	1	ug/L	EPA 8081B/1311	12/2/25 12:36	12/ 2/25 21:07	RJ
Methoxychlor	ND		0.0444	0.0444	1	ug/L	EPA 8081B/1311	12/2/25 12:36	12/ 2/25 21:07	RJ
Toxaphene	ND		1.11	1.11	1	ug/L	EPA 8081B/1311	12/2/25 12:36	12/ 2/25 21:07	RJ

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Decachlorobiphenyl	*62.0 %*		*30-150*	*EPA 8081B/1311*	*12/ 2/25 21:07*
Surrogate: Tetrachloro-m-xylene	*59.8 %*		*30-150*	*EPA 8081B/1311*	*12/ 2/25 21:07*

Lab ID:	**25K1395-02**	**Laboratory:**	Stratford
Analysis:	**Polychlorinated Biphenyls by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3546 PPCB	**Sample Notes:**	

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
Aroclor 1016	ND		0.0198	0.0198	1	mg/kg dry	EPA 8082A	12/4/25 10:08	12/ 5/25 13:04	NF
Aroclor 1221	ND		0.0198	0.0198	1	mg/kg dry	EPA 8082A	12/4/25 10:08	12/ 5/25 13:04	NF
Aroclor 1232	ND		0.0198	0.0198	1	mg/kg dry	EPA 8082A	12/4/25 10:08	12/ 5/25 13:04	NF
Aroclor 1242	ND		0.0198	0.0198	1	mg/kg dry	EPA 8082A	12/4/25 10:08	12/ 5/25 13:04	NF
Aroclor 1248	ND		0.0198	0.0198	1	mg/kg dry	EPA 8082A	12/4/25 10:08	12/ 5/25 13:04	NF
Aroclor 1254	ND		0.0198	0.0198	1	mg/kg dry	EPA 8082A	12/4/25 10:08	12/ 5/25 13:04	NF
Aroclor 1260	ND		0.0198	0.0198	1	mg/kg dry	EPA 8082A	12/4/25 10:08	12/ 5/25 13:04	NF
* Total PCBs	ND		0.0198	0.0198	1	mg/kg dry	EPA 8082A	12/4/25 10:08	12/ 5/25 13:04	NF

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: Tetrachloro-m-xylene	*70.5 %*		*30-120*	*EPA 8082A*	*12/ 5/25 13:04*
Surrogate: Decachlorobiphenyl	*46.5 %*		*30-120*	*EPA 8082A*	*12/ 5/25 13:04*

Lab ID:	**25K1395-02**	**Laboratory:**	Stratford
Analysis:	**Chlorinated Herbicides by GC/ECD**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3535A/1311	**Sample Notes:**	

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
2,4,5-TP (Silvex)	ND		5.00	5.00	1	ug/L	EPA 8151A/1311	12/2/25 12:04	12/ 2/25 21:14	gxb
2,4-D	ND		5.00	5.00	1	ug/L	EPA 8151A/1311	12/2/25 12:04	12/ 2/25 21:14	gxb

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*36.6 %*		*10-130*	*EPA 8151A/1311*	*12/ 2/25 21:14*

Lab ID:	**25K1395-02**	**Laboratory:**	Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil

Client:	Laurel Environmental Geosciences, D.P.C.	**York Sample ID:**	**25K1395-02**
Client Project:	236 Richmond Valley RD, Staten Island A22-115 JB	**Date Received:**	11/26/2025
Client Sample ID:	Composite-1	**Collection Date/Time:**	11/26/25 12:50

Lab ID:	**25K1395-02**	**Laboratory:**	Stratford
Analysis:	**Metals TCLP**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3015A/1311	**Sample Notes:**	

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
Arsenic	ND		0.375	0.375	1	mg/L	EPA 6010D/1311	12/3/25 8:42	12/ 3/25 13:04	AGNR
Barium	ND		0.625	0.625	1	mg/L	EPA 6010D/1311	12/3/25 8:42	12/ 3/25 13:04	AGNR
Cadmium	ND		0.075	0.075	1	mg/L	EPA 6010D/1311	12/3/25 8:42	12/ 3/25 13:04	AGNR
Chromium	ND		0.125	0.125	1	mg/L	EPA 6010D/1311	12/3/25 8:42	12/ 3/25 13:04	AGNR
Copper	ND		0.500	0.500	1	mg/L	EPA 6010D/1311	12/3/25 8:42	12/ 3/25 13:04	AGNR
Lead	ND		0.125	0.125	1	mg/L	EPA 6010D/1311	12/3/25 8:42	12/ 3/25 13:04	AGNR
Nickel	ND		0.250	0.250	1	mg/L	EPA 6010D/1311	12/3/25 8:42	12/ 3/25 13:04	AGNR
Selenium	ND		0.625	0.625	1	mg/L	EPA 6010D/1311	12/3/25 8:42	12/ 3/25 13:04	AGNR
Silver	ND		0.125	0.125	1	mg/L	EPA 6010D/1311	12/3/25 8:42	12/ 3/25 13:04	AGNR
Zinc	ND		0.625	0.625	1	mg/L	EPA 6010D/1311	12/3/25 8:42	12/ 3/25 13:04	AGNR

Lab ID:	**25K1395-02**	**Laboratory:**	Stratford
Analysis:	**Mercury by EPA 7000/200 Series Methods**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW846-7470A	**Sample Notes:**	

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
Mercury	ND		0.0000468	0.000240	1	mg/L	EPA 7470/1311	12/3/25 10:17	12/ 3/25 10:17	DBT

Lab ID:	**25K1395-02**	**Laboratory:**	Stratford
Analysis:	**Wet Chemistry Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: Ammonia - DI Leached Prep	**Sample Notes:**	

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
* Ammonia Nitrogen as N	ND		0.0500	0.0500	1	mg/L	SM 4500-NH3 D	12/4/25 9:37	12/ 4/25 09:37	TCD
* DI Water Extraction	Completed		1.00	1.00	1	-	ASTM D3987	12/3/25 14:34	12/ 4/25 11:25	TAJ
* pH	**5.90**	HT-04		0.500	1	pH units	EPA 9045D/1311	12/8/25 14:54	12/ 8/25 14:55	JRO
pH	**7.71**	HT-pH	0.500	0.500	1	pH units	EPA 9045D	12/3/25 6:08	12/ 3/25 13:13	SMM
* Temperature	**23.2**	Z-01	1.00	1.00	1	°C	EPA 170.1	12/3/25 6:08	12/ 3/25 13:13	SMM
* Total Solids	**106**		10.0	10.0	1	mg/L	SM 2540B-2015	12/8/25 20:38	12/ 8/25 20:44	AA
* Chemical Oxygen Demand (COD)	**29**		10	10	1	mg/L	SM 5220 D	12/4/25 18:29	12/ 4/25 23:45	AA
* Reactivity - Cyanide	ND		0.250	0.250	1	mg/kg	EPA SW-846 Ch.7.3.3	12/3/25 17:33	12/ 3/25 21:00	JS
* Reactivity - Sulfide	**16.0**		15.0	15.0	1	mg/kg	EPA SW-846 Ch.7.3.4	12/3/25 17:35	12/ 3/25 21:00	JS

Lab ID:	**25K1395-02**	**Laboratory:**	Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep	**Sample Notes:**	

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
* % Solids	**83.9**		0.100	0.100	1	%	SM 2540G	12/3/25 8:16	12/ 3/25 11:59	BF

Client:	Laurel Environmental Geosciences, D.P.C.	**York Sample ID:**	**25K1395-02**
Client Project:	236 Richmond Valley RD, Staten Island A22-115 JB	**Date Received:**	11/26/2025
Client Sample ID:	Composite-1	**Collection Date/Time:**	11/26/25 12:50

Lab ID:	**25K1395-02**	**Laboratory:**	Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: Analysis Preparation	**Sample Notes:**	

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
Paint Filter Test	No Free Liquid		0.05	0.05	1	None	EPA 9095B	12/1/25 10:54	12/ 1/25 17:27	JMT
* Ignitability	Non-Ignit.		1	1	1	None	SW 846 1030	12/2/25 10:18	12/ 2/25 15:46	JMT
* Volatile Solids	**6.06**		0.100	0.100	1	%	SM 2540G	12/1/25 19:11	12/ 1/25 19:11	AA

Lab ID:	**25K1395-02**	**Laboratory:**	Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP extr. for SVOA/P	**Sample Notes:**	EXT-Temp

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
TCLP Extraction	Completed		1.00	1.00	1	N/A	EPA 1311	12/1/25 14:42	12/ 2/25 12:16	TAJ
TCLP Extraction	Completed		1.00	1.00	1	N/A	EPA 1311	12/1/25 14:51	12/ 2/25 12:23	TAJ
TCLP Extraction	Completed		1.00	1.00	1	N/A	EPA 1311	12/3/25 14:47	12/ 4/25 13:11	TAJ

Lab ID:	**25K1395-02**	**Laboratory:**	ALS-MDT
Analysis:	**Wet Chemistry**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method:	**Sample Notes:**	

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
Hexane Extractable Material	ND	U	100	234	1	mg/kg	SW846 9071B	11/26/25 12:50	12/11/25 05:30	MPP
Oil/Grease Hexane Extractable	**2.3**	Ja	1.3	3.8	1	mg/L	EPA 1664B	11/26/25 12:50	12/12/25 07:00	MPP

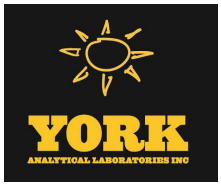
Certified Analyses included in this Report

Analyte	CAS #	Certifications
EPA 1311 in Soil		
TCLP Extraction		NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440
TCLP Extraction		NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440
TCLP Extraction		NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440
EPA 6010D/1311 in Soil		
Arsenic	7440-38-2	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Barium	7440-39-3	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Cadmium	7440-43-9	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Chromium	7440-47-3	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Copper	7440-50-8	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Lead	7439-92-1	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Nickel	7440-02-0	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Selenium	7782-49-2	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Silver	7440-22-4	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Zinc	7440-66-6	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
EPA 7470/1311 in Soil		
Mercury	7439-97-6	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
EPA 8081B/1311 in Soil		
Endrin	72-20-8	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
gamma-BHC (Lindane)	58-89-9	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Heptachlor	76-44-8	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Heptachlor epoxide	1024-57-3	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Methoxychlor	72-43-5	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Toxaphene	8001-35-2	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
EPA 8082A in Soil		
Aroclor 1016	12674-11-2	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440
Aroclor 1221	11104-28-2	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440
Aroclor 1232	11141-16-5	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440
Aroclor 1242	53469-21-9	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440
Aroclor 1248	12672-29-6	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440
Aroclor 1254	11097-69-1	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440
Aroclor 1260	11096-82-5	NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440
EPA 8151A/1311 in Soil		
2,4,5-TP (Silvex)	93-72-1	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
2,4-D	94-75-7	CTDPH-PH-0840,NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
EPA 8260D in Soil		
1,1,1,2-Tetrachloroethane	630-20-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,1,1-Trichloroethane	71-55-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,1,2,2-Tetrachloroethane	79-34-5	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,1,2-Trichloroethane	79-00-5	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,1-Dichloroethane	75-34-3	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,1-Dichloroethylene	75-35-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,1-Dichloropropylene	563-58-6	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,2,3-Trichlorobenzene	87-61-6	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,2,3-Trichloropropane	96-18-4	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440

Certified Analyses included in this Report

(Continued)

Analyte	CAS #	Certifications
EPA 8260D in Soil (Continued)		
1,2,4-Trichlorobenzene	120-82-1	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,2,4-Trimethylbenzene	95-63-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,2-Dibromo-3-chloropropane	96-12-8	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,2-Dibromoethane	106-93-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,2-Dichlorobenzene	95-50-1	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,2-Dichloroethane	107-06-2	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,2-Dichloropropane	78-87-5	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,3,5-Trimethylbenzene	108-67-8	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,3-Dichlorobenzene	541-73-1	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,3-Dichloropropane	142-28-9	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,4-Dichlorobenzene	106-46-7	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
2,2-Dichloropropane	594-20-7	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
2-Butanone	78-93-3	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
2-Chloroethylvinyl ether	110-75-8	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
2-Chlorotoluene	95-49-8	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
2-Hexanone	591-78-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
4-Chlorotoluene	106-43-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
4-Methyl-2-pentanone	108-10-1	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Acetone	67-64-1	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Acrolein	107-02-8	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Acrylonitrile	107-13-1	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Benzene	71-43-2	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Bromobenzene	108-86-1	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Bromochloromethane	74-97-5	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Bromodichloromethane	75-27-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Bromoform	75-25-2	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Bromomethane	74-83-9	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Carbon disulfide	75-15-0	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Carbon tetrachloride	56-23-5	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Chlorobenzene	108-90-7	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440



Certified Analyses included in this Report

(Continued)

Analyte	CAS #	Certifications
EPA 8260D in Soil (Continued)		
Chloroethane	75-00-3	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
Chloroform	67-66-3	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
Chloromethane	74-87-3	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
cis-1,2-Dichloroethylene	156-59-2	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
cis-1,3-Dichloropropylene	10061-01-5	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
Cyclohexane	110-82-7	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Dibromochloromethane	124-48-1	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Dibromomethane	74-95-3	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Dichlorodifluoromethane	75-71-8	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Ethyl Benzene	100-41-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
Hexachlorobutadiene	87-68-3	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Isopropylbenzene	98-82-8	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
Methyl acetate	79-20-9	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Methyl Methacrylate	80-62-6	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Methyl tert-butyl ether (MTBE)	1634-04-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
Methylcyclohexane	108-87-2	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Methylene chloride	75-09-2	CTDPH-PH-0840
Naphthalene	91-20-3	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
n-Butylbenzene	104-51-8	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
n-Propylbenzene	103-65-1	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
o-Xylene	95-47-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP-68-04440
p- & m- Xylenes	179601-23-1	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP-68-04440
p-Isopropyltoluene	99-87-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
sec-Butylbenzene	135-98-8	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
Styrene	100-42-5	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
tert-Butyl alcohol (TBA)	75-65-0	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
tert-Butylbenzene	98-06-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
Tetrachloroethylene	127-18-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
Toluene	108-88-3	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
trans-1,2-Dichloroethylene	156-60-5	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
trans-1,3-Dichloropropylene	10061-02-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
trans-1,4-dichloro-2-butene	110-57-6	CTDPH-PH-0840
Trichloroethylene	79-01-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
Trichlorofluoromethane	75-69-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440

Certified Analyses included in this Report

(Continued)

Analyte	CAS #	Certifications
EPA 8260D in Soil (Continued)		
Vinyl acetate	108-05-4	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Vinyl Chloride	75-01-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
Xylenes, Total	1330-20-7	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
EPA 8260D/1311 in Soil		
1,1-Dichloroethylene	75-35-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
1,2-Dichloroethane	107-06-2	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
1,4-Dichlorobenzene	106-46-7	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
2-Butanone	78-93-3	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
Benzene	71-43-2	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
Carbon tetrachloride	56-23-5	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
Chlorobenzene	108-90-7	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
Chloroform	67-66-3	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
Tetrachloroethylene	127-18-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
Trichloroethylene	79-01-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
Vinyl Chloride	75-01-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
EPA 8270E/1311 in Soil		
1,4-Dichlorobenzene	106-46-7	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
2,4,5-Trichlorophenol	95-95-4	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
2,4,6-Trichlorophenol	88-06-2	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
2,4-Dinitrotoluene	121-14-2	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
2-Methylphenol	95-48-7	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
3- & 4-Methylphenols	65794-96-9	CTDPH-PH-0840,PADEP-68-04440
Hexachlorobenzene	118-74-1	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Hexachlorobutadiene	87-68-3	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Hexachloroethane	67-72-1	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Nitrobenzene	98-95-3	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Pentachlorophenol	87-86-5	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Pyridine	110-86-1	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
EPA 9045D in Soil		
pH	pH	NYSDOH-NY10854,CTDPH-PH-0840,PADEP-68-04440
EPA 9095B in Soil		
Paint Filter Test	PF	NYSDOH-NY10854,NJDEP-CT005
EPA SW-846 Ch.7.3.3 in Soil		
Reactivity - Cyanide	CREAC	CTDPH-PH-0840,PADEP-68-04440
EPA SW-846 Ch.7.3.4 in Soil		
Reactivity - Sulfide	SREAC	CTDPH-PH-0840,PADEP-68-04440
SM 2540G in Soil		
% Solids	solids	CTDPH-PH-0840

Certified Analyses included in this Report

(Continued)

Analyte	CAS #	Certifications
SM 2540G in Soil (Continued)		
Volatile Solids	VSS	CTDPH-PH-0840

List of Certifications

Code	Description	Number	Expires
CTDPH-PH-0840	CTDPH - Stratford	PH-0840	06/30/2027
NJDEP-CT005	NJDEP Certification - Stratford	CT005	06/30/2026
NYSDOH-NY12058	NYSDOH NELAC/ELAP Program - Queens	NY ELAP-12058	04/01/2026
NYSDOH-NY10854	NYSDOH NELAC/ELAP Program - Stratford	NY ELAP-10854	04/01/2026
PADEP-68-04440	PADEP Registration - Stratford	68-04440	09/30/2026

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
25K1395-01	Grab-1	40mL Vial with Stir Bar-Cool 4° C
25K1395-01	Grab-1	40mL 01_Clear Vial Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

IGN-01	Non-Ignit.
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).
CCVH	The value reported is estimated due to its behavior during continuing calibration verification (>20% difference for average RF or >20% drift for linear or quadratic fit.) This value may be biased high.
EXT-COMP	Completed
EXT-EM	The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.
EXT-Temp	Extraction temperture slightly exceeded acceptance range.
HT-04	NON-COMPLIANT- Client requested analysis be conducted outside of holding times.
/\	Analyte is not certified but the state of sample origination offer certification for the Analyte
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
Z-01	TEMPERATURE RECORDED AT TIME OF pH ANALYSIS
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.
Ja	Indicates an estimated value between the MDL and the PQL
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.
U	Indicates that the analyte was Not Detected (ND)
HT-pH	HOLDING TIME EXCEEDED. Samples for pH must be measured in the field or within 15 minutes of sample collection.

Definitions and Other Explanations

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

Non-Dir. Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Field Chain-of-Custody Record

USA environmental

ALS' Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for ALS to proceed with the analyses requested below. Your signature binds you to ALS' Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK 800-306-9675

ALS Project Number: 25K1395

Page 1 of 1

Report To:	Invoice To:
Company: Laurel Environmental	Company:
Address: 53 W Hills Rd, Huntington Station, NY 11746	Address: Kathy
Phone.: (631) 673-0612	Phone.:
Contact: Scott Yanuck	Contact:
E-mail: labresults@laurelenv.com	E-mail: sburgher@laurelenv.com

YOUR Project Name / Number: 236 Richmond Valley Rd, Staten Island A22-115 JB

PO Number:

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

Analyses Requested: 8260 TCL VOCs FORM I

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

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

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

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

Field Filtered | Lab Filtered

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

Samples Collected by: (print AND sign your name) Connor Grosso

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

Preservative (please list number of containers): Unpreserved | HCl (hydrochloric acid) | MeOH (methanol) | HNO_3 (nitric acid) | H_2SO_4 (sulfuric acid) | NaOH (sodium hydroxide) | $Na_2S_2O_3$ (sodium thio.) | Trizma | Ammonium Acetate | Other: DI Water

Sample Identification	Date	Time	Matrix	Unpreserved	MeOH	Other: DI Water	8260 TCL VOCs	FORM I	Grab or Comp. G/C
Grab - 1	11/26/25	12:35	S	X	X	X	X		G
Composite - 1	↓	12:50	↓	X		X		X	C

Comments: 4 oz w/ Grab - 1 on HOLD

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

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

Custody Seals: Y / N Containers Intact: Y / N COC/Labels Agree: Y / N Preservation Confirmed: Y / N

COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N

Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
Laurel Wiggs		1.	11/26/25 15:60 5.1	2.	11/26/25
1.	11/26/25 18:17	3.	11/26/25 20:20	3.	
4.		4.		Samples Received in LAB by	11/26/25 20:20 Temperature 3.7 Degrees C

Main Site: 301 Fulling Mill Road | Middletown, PA 17057 | Phone: 717-944-5541 | www.alsglobal.com
Associated Site: 20 Riverside Drive | Spring City, PA 19475 | Phone: 610-948-4903 |

NELAP Certifications: NJ PA010 , NY 11759 , PA 22-293 DoD ELAP: PJLA 74618
State Certifications: FL E871113 , WA C999 , MD 128 , VA 460157 , WV DW 9961-C , WV 343, NJ PA101

Analytical Results Report For

York Analytical Laboratories, Inc.

Project 25K1395
Workorder 3445353
Report ID 481565 on 12/12/2025

Certificate of Analysis

Enclosed are the analytical results for samples received by the laboratory on Dec 09, 2025.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Stacey Welk (Project Coordinator) at (717) 944-5541.

Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the ALS website at www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads.

This laboratory report may not be reproduced, except in full, without the written approval of ALS Global.
ALS Middletown: 301 Fulling Mill Road, Middletown, PA 17057 : 717-944-5541.

Recipient(s):
York Lab Reporting - York Analytical Reporting
Rachel Driesen - ALS Straford
Stacey Welk - ALS Environmental

This page is included as part of the Analytical Report and must be retained as a permanent record thereof.

Stacey Welk

Stacey Welk *(ALS Digital Signature)*
Project Coordinator

Sample Summary

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collector	Collection Company
3445353001	25K1395-02	Solid	11/26/2025 12:50	12/09/2025 09:06	C	

Reference

Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- Except as qualified, Clean Water Act sample analyses are consistent with methodology requirements in 40 CFR Part 136, including but not limited to the following EPA Method reference revisions:
  EPA 300.1 Rev. 1.0-1997
  EPA 300.0 Rev. 2.1-1993
  EPA 353.2 Rev. 2.0-1993
  EPA 410.4 Rev. 1.0-1993
  EPA 420.4 Rev. 1.0-1993
  EPA 365.1 Rev. 2.0-1993
  EPA 200.7 Rev. 4.4-1994
  EPA 200.8 Rev. 5.4-1994
  EPA 245.1 Rev. 3.0-1994
- Except as qualified, Safe Drinking Water Act sample analyses are consistent with methodology requirements in 40 CFR Part 141.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are preformed in the laboratory and are therefore analyzed out of hold time.
- Method references listed on this report beginning with the prefix “S” followed by a method number (such as S2310B-97) refer to methods from “Standard Methods for the Examination of Water and Wastewater”.
- For microbiological analyses, the "Prepared" value is the date/time into the incubator and the "Analyzed" value is the date/time out the incubator.
- An Analysis-Prep Method Cross Reference Table is included after Analytical Results & Qualifiers section in this report.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.

Standard Acronyms/Flags

J	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND) above the MDL
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Practical Quantitation Limit for this Project
ND	Not Detected - indicates that the analyte was Not Detected
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference
LOD	DoD Limit of Detection
LOQ	DoD Limit of Quantitation
DL	DoD Detection Limit
I	Indicates reported value is greater than or equal to the Method Detection Limit (MDL) but less than the Report Detection Limit (RDL)
(S)	Surrogate Compound
NC	Not Calculated
*	Result outside of QC limits
#	Please reference the result in the Results Section for analyte-level flags.

Project Notations

Sample Notations

Lab ID	Sample ID

Result Notations

Notation Ref.

Detected Results Summary

Client Sample ID	25K1395-02	Collected	11/26/2025 12:50
Lab Sample ID	3445353001	Lab Receipt	12/09/2025 09:06

Compound	Result	Units	RDL	MDL	Method	Flag
ASTM D3987-06 LEACHATE						
Oil/Grease Hexane Extractable	2.3J	mg/L	3.8	1.3	EPA 1664B	#
WET CHEMISTRY						
Moisture	14.7	%			In-House	#
Total Solids	85.3	%			In-House	#

Results

Client Sample ID	25K1395-02	Collected	11/26/2025 12:50
Lab Sample ID	3445353001	Lab Receipt	12/09/2025 09:06

ASTM D3987-06 LEACHATE

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Oil/Grease Hexane Extractable	2.3J	J	mg/L	3.8	1.3	EPA 1664B	1	12/12/2025 07:00	MPP	A

WET CHEMISTRY

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Hexane Extractable Material	100U	U	mg/kg	234	100	SW846 9071B	1	12/11/2025 05:30	MPP	A
Moisture	14.7		%			In-House	1	12/10/2025 17:15	MKM	A
Total Solids	85.3		%			In-House	1	12/10/2025 17:15	MKM	A

Sample - Method Cross Reference Table

Lab ID	Sample ID	Analysis Method	Preparation Method	Leachate Method
3445353001	25K1395-02	EPA 1664B	N/A	ASTM D3987-06
		In-House	N/A	
		SW846 9071B	N/A	

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Lab ID	Sample ID	Preparation Method	Prep Batch	Prep Date/Time	By	Analysis Method	Anly Batch
3445353001	25K1395-02	N/A	N/A	N/A		EPA 1664B	1495691
		N/A	N/A	N/A		In-House	1494475
		N/A	N/A	N/A		SW846 9071B	1494791

YORK
Analytical Laboratories, Inc.

3445353
Logged By: D1G
PM: SIW

SUBCONTRACT Notification, Purchase Order and Chain-of-(

York Project No.: 25K1395

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

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

ENDING LABORATORY:

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

RECEIVING LABORATORY:

ALS-Middletown (SUB)
301 Fulling Mill Road
Middletown, PA 17057
Phone :(717) 944-5541
Fax: (717) 944-1430

York Ref: 25K1395-02

Sample ID: Composite-1 **Matrix:** Soil **Date Sampled :** 11/26/2025 12:50

Analysis Needed	Date Due	Holding Time Expires	Comments
Oil & Grease Water Leachable	12/04/2025 19:00	12/24/2025 12:50	
Oil & Grease	12/04/2025 19:00	12/24/2025 12:50	

Containers Supplied:
06_4 oz. Glass Cool to 4° C (D)
06_4 oz. Glass Cool to 4° C (E)

unp
DAG 12/10/25

York Purchase Order No.: 25K1395

Samples from State of: **NY**
Collected by: Conner Grosso

Deliverables required:

EDDs required:

Data Pkg DUE:

Special Info:

Reporting level: MDL/LOD

Chain-of-Custody Information

Victor C. DeJesus	12/8/2025	FedEx	Date	
Released By York Sample Control	Date	Received By		
FedEx		DAG/ALS	12/9/25	906
Received By	Date	Received in Subcontract Lab By	Date	Page 1 of 1

9 of 10

12/12/2025 5:17 PM

Middletown Sample Condition Form

Client York Workorder 3445353

Temp °C 3 Therm ID 649 Ice? (Y) N N/A Initials & Date DAG 12/10/25

(Fedex) UPS Client ALS Other Tracking #

	Yes	No[1]	N/A	Comments
Cooler Custody Seals present & intact			X	
Sample Custody Seals present & intact			X	
Chain-of-Custody present	X			
Sample collector name present *If not present, must contact PM/client to request name.*	X			
COC/bottle labels complete & in agreement		X		
•Sample location	X			
•Date and time of sample collection	X			
•Type(s) of preservation		X		UC
•Number of containers	X			
•Composite or grab	X			
•Matrix	X			
Proper containers, preservation, and volume per method	X			
Received within hold time	X			
Containers intact			X	
Trip blanks present (EPA 504, EPA 524)			X	
Field blanks present (Hg 1631, PFAS)			X	
NJ ≤ 4 Days			X	
CR6 Samples Filtered			X	
OP Samples Filtered			X	
WV Containers 0-6°C			X	
SDWA compliance reporting			X	

[1] *If No, provide comment*

Rad Screen (uCi) —

PM - PM to contact client
N/A - Not Applicable
UC - Updated coc with missing information

Review Comments:

Rev. 11

12/12/2025 5:17 PM

10 of 10

APPENDIX Q

Certified Land Survey

COPYRIGHT 2026 ROGERS SURVEYING, PLLC
ALL RIGHTS RESERVED

IT IS A VIOLATION OF THE LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY.

IF AN ITEM BEARING THE PROFESSIONAL SEAL OF THE LICENSED LAND SURVEYOR IS ALTERED, THE ALTERING LAND SURVEYOR SHALL AFFIX TO HIS ITEM HIS SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

"UNAUTHORIZED ALTERATION OR ADDITION TO THIS SURVEY NOT BEARING A LICENSED LAND SURVEYOR'S SEAL IS A VIOLATION OF SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW."

"ONLY COPIES FROM THE ORIGINAL OF THIS SURVEY MARKED WITH AN ORIGINAL OF THE LAND SURVEYOR'S IMPRESSION SEAL SHALL BE CONSIDERED TO BE VALID TRUE COPIES."

"CERTIFICATIONS INDICATED HEREON SIGNIFY THAT THIS SURVEY WAS PREPARED IN ACCORDANCE WITH THE EXISTING CODE OF PRACTICE FOR LAND SURVEYORS ADOPTED BY THE NEW YORK STATE ASSOCIATION OF PROFESSIONAL LAND SURVEYORS."

"SAID CERTIFICATIONS SHALL RUN ONLY TO THE PERSON FOR WHOM THE SURVEY IS PREPARED AND ON HIS BEHALF TO THE TITLE COMPANY, GOVERNMENTAL AGENCY OR LENDING INSTITUTION LISTED HEREON AND TO THE ASSIGNEES OF THE LENDING INSTITUTION. CERTIFICATIONS ARE NOT TRANSFERABLE TO ADDITIONAL INSTITUTIONS OR SUBSEQUENT OWNERS."

ARTHUR KILL ROAD

RICHMOND VALLEY ROAD

LANDS NOW OR FORMERLY OF SIRR CORP.

PAGE AVENUE

P.O.B. LOTS 240, 250, 280

P.O.B. 40' WIDE ACCESS EASEMENT 343.28' TO ARTHUR KILL RD.

80' Adopted 6/1/82

50' Former Record

Corporation Council Opinion 41' -60' As In Use 6/27/1990

Adopted Widening Line

FORMER STREET LINE

Concrete Curb

Concrete Sidewalk

1 Story Brick # 286

EXISTING 40' WIDE EASEMENT (1.124 SF (0.35 ACRES))

AREA E-2 NEW TAX LOT 240 81,160 SF 1.86 ACRES

Toll One Story Masonry Building

NEW TAX LOT 250 & 280 225,417 SF 5.17 ACRES

AREA D-2 TAX LOT 250: (4.68 ACRES) 203,888 SF

TAX LOT 280: 21,529 SF 0.49 ACRES

Masonry Building Offices, Roller Rink Basketball Facility # 236

1 Story Masonry "Sonic" # 148 PAGE AVENUE TAX LOT 280 19,214 SF

168 PAGE AVENUE TAX LOT 280 21,529 SF VACANT

N.O.B. NEW LOT 280

N.O.B. NEW LOT pro

R.O.B. NEW LOT 260

Tax Map

Asphalt Pavement

Concrete Walk

6' Chain Link Fence

Guy Wire

Utility Pole

Catch Basin

Gas Valve

Water Valve

Hydrant

Sign

Post

Bollard

Vent

Well

Gas Meter

Oil Fill

Flag Pole

Shed

Garage

Ramp

Power Station On Conc.

Gravel

Grass

Trees

Bushes

Fences

Retaining Wall

Curb Cut

Parking Spaces

Asphalt Pavement

Concrete Block Wall

Water Valve Shed

Former Record

Adopted 7/1/1968

Adopted Widening Line

Concrete Curb

Concrete Sidewalk

Asphalt Pavement

Parking Spaces

Concrete Curb

Concrete Sidewalk

Asphalt Pavement

Concrete Curb

Concrete Sidewalk

Asphalt Pavement

Concrete Curb

Concrete Sidewalk

Asphalt Pavement