LAUREL ENVIRONMENTAL GEOSCIENCES, D.P.C.
53 WEST HILLS ROAD • HUNTINGTON STATION, NY • 11746
PHONE: (631) 673-0612 • FAX: (631) 427-5323
WWW.LAURELENV.COM

June 21, 2023

New York State Department of Environmental Conservation
Division of Environmental Remediation
Attention: Ms. Ruth Curley (via email: ruth.curley@dec.ny.gov)
625 Broadway, 12th Fl.
Albany, New York 12233-7016

Re: Data Summary Report for 27-09 40th Avenue, Long Island City, New York
NYSDEC BCP Site C241241

1.0 Introduction

Laurel Environmental Geosciences, DPC. ("***Laurel***") has prepared this Data Summary Report at the request of the New York State Department of Environmental Conservation ("NYSDEC"). NYSDEC Project Manager Ruth Curley submitted a direct request to ***Laurel*** via e-mail on May 25, 2023, to summarize existing soil disposal data associated with regulated wastes and unrestricted use soils generated at 27-09 40th Avenue, Long Island City, New York (the "Site"). The Site is enrolled in the NYSDEC Brownfields Cleanup Program ("BCP") and is currently undergoing remediation and redevelopment. As part of the BCP remediation and redevelopment process, soil was excavated and exported under the oversight of ***Laurel*** and Liberty Environmental, Inc.

2.0 Project Waste Characterization Sampling

Waste characterization was performed at the Site throughout the project as timelines and target disposal facilities changed. For waste characterization purposes, the Site was split into six (6) Quadrants, with each Quadrant having approximate dimensions of 55 feet by 45 feet (Note: at times during this project, the word "Grid" has been used interchangeably with "Quadrant."). The Quadrants are shown on Figure 1.0 of this report. Waste characterization was performed by Quadrant. A summary of the sampling conducted to facilitate characterization and off-site disposal is provided in the following sections. Any exceedances of the NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives ("SCOs") are summarized in Table I.

2.1 Waste Characterization Sampling

Following completion of the Remedial Investigation phase of the project, ***Laurel*** performed waste characterization sampling at the Site between May 26 and May 28, 2021, to facilitate future off-site disposal of soils. Based on the findings of historic sampling conducted at the Site by others and the Supplemental Remedial Investigation ("SRI") performed by ***Laurel***, report dated November 6, 2020, the Site was divided into three (3) areas for waste characterization: Historic Fill Material, Clean Soil, and Tetrachloroethylene ("PCE") Impacted Soils. The volume of each area was calculated, and sufficient composite and grab samples were collected to achieve waste disposal facility approval based on the expected volume of material to be excavated, as described below.

HISTORIC FILL MATERIAL SAMPLING

Based on the findings of ***Laurel's*** SRI report, the historic fill material was determined to be from 0 to 4 feet below ground surface ("bgs") throughout the Site. ***Laurel*** advanced a total of thirty (30) soil borings utilizing a track mounted Geoprobe® drilling rig within the historic fill material. Five (5) continuous soil

borings were advanced in each Quadrant at the Site, with each soil boring being advanced from 0 to 4 feet bgs. The soils from the historic fill interval were screened in 1-foot intervals for impacts by a photoionization detector ("PID"), for detecting VOCs, and visual and olfactory methods for other evidence of contamination. Historic fill material sampling locations are shown on Figure 2.0 of this report.

For each soil boring in the historic fill material, one (1) grab sample was collected from the 1-foot interval of each soil core, where the highest PID reading was recorded. If no VOCs were detected or other evidence of contamination observed, the grab sample was arbitrarily collected from the center of the soil core at 2-feet bgs. The respective grab samples were designated as follows: Quadrant 1: WC-HF-Q1- 1 2', WC-HF-Q1-2 2', WC-HF-Q1-3 2', WC-HF-Q1-4 2', WC-HF-Q1-5 3', Quadrant 2: WC-HF-Q2-1 1', WC-HF-Q2-2 4', WC-HF-Q2-3 4', WC-HF-Q2-4 2', WC-HF-Q2-5 2', Quadrant 3: WC-HF-Q3-1, WC-HF-Q3-2, WC-HF-Q3-3, WC-HF-Q3-4, WC-HF-Q3-5, Quadrant 4: WC-HF-Q4-1, WC-HF-Q4-2, WC-HF-Q4-3, WC-HF-Q4-4, WC-HF-Q4-5, Quadrant 5: WC-HF-Q5-1 3', WC-HF-Q5-2 2', WC-HF-Q5-3 4', WC-HF-Q5-4 2', WC-HF-Q5-5 3', and Quadrant 6: WC-HF-Q6-1 4', WC-HF-Q6-2 2', WC-HF-Q6-3 2', WC-HF-Q6-4 2', and WC-HF-Q6-5 2'. After the grab samples were collected, the historic fill material from the respective Quadrant was composited, and a representative composite sample was collected. The composite samples were designated as follows: Quadrant 1: WC-HF-Q1, Quadrant 2: WC-HF-Q2, Quadrant 3: WC-HF-Q3, Quadrant 4: WC-HF-Q4, Quadrant 5: WC-HF-Q5, and Quadrant 6: WC-HF-Q6.

All samples were transferred into laboratory supplied containers, stored on ice, and transported via courier to York Analytical Laboratories, Inc. ("York"). York is a New York State Department of Health ("NYSDOH") Environmental Laboratory Accreditation Program ("ELAP") certified environmental laboratory. The grab samples were analyzed utilizing the United States Environmental Protection Agency ("USEPA") Method 8260 for VOCs. The six (6) composite samples were analyzed utilizing the USEPA Method 8260 for Toxicity Characteristic Leaching Procedure ("TCLP") VOCs, USEPA Method 8270 for TCLP SVOCs, USEPA Method 6010/6020 for TCLP Resource Conservation and Recovery Act ("RCRA") metals and Target Analyte List ("TAL") metals, USEPA Method 8082 for Polychlorinated Biphenyls ("PCBs"), USEPA Method 8151 for Herbicides, USEPA Method 8081 for Pesticides, and USEPA Method 8015 for Extractable Petroleum Hydrocarbons ("EPH"). The laboratory analytical results for historic fill material are shown in Table II of this report. The waste characterization laboratory data packages are included in Appendix A of this report.

CLEAN SOIL SAMPLING

Based on the findings of ***Laurel's*** SRI report, the clean soil was determined to begin at roughly 4 feet bgs throughout the Site, except in the PCE hotspots as described in the following section of this report. ***Laurel*** advanced six (6) continuous soil borings utilizing a track mounted Geoprobe® drilling rig to a terminal depth of 25 feet bgs. The soils from the clean soil interval were screened in 1-foot intervals for impacts by a PID, for detecting VOCs, and visual and olfactory methods for other evidence of contamination. Clean soil sampling locations are shown on Figure 3.0 of this report.

For waste characterization purposes, the clean soils were divided into intervals from 4 to 10 feet bgs, 10 to 15 feet bgs, 15 to 20 feet bgs, and 20 to 25 feet bgs. At each soil boring location, one (1) grab sample was collected from each of the specified intervals, for a total of four (4) grab samples per soil boring location, and a grand total of twenty-four (24) grab samples collected from the clean soils. The grab samples were

collected from the 1-foot interval with the highest PID reading or other evidence of contamination within the specified intervals. If no VOCs were detected or other evidence of contamination observed, the grab sample was arbitrarily collected from the center of the specified interval. The respective grab samples were designated as follows: Quadrant 1: WC-CS-Q1 7', WC-CS-Q1 13', WC-CS-Q1 18', WC-CS-Q1 23', Quadrant 2: WC-CS-Q2 7-9', WC-CS-Q2 12-14', WC-CS-Q2 19', WC-CS-Q2 23', Quadrant 3: WC-CS-Q3-7',WC-CS-Q3-13', WC-CS-Q3-18', WC-CS-Q3-23', Quadrant 4: WC-CS-Q4-7', WC-CS-Q4-12', WC-CS-Q4-17', WC-CS-Q4-22', Quadrant 5: WC-CS-Q5 9', WC-CS-Q5 12', WC-CS-Q5 17',WC-CS-Q5 23', WC-CS-Q5 20', and Quadrant 6: WC-CS-Q6 9', WC-CS-Q6 13', WC-CS-Q6 19', and WC-CS-Q6 21'. After the grab samples were collected, the clean soils were composited within the specified intervals, with the soils from the 15 to 20 and 20 to 25 feet intervals being further combined, and a representative composite sample was collected from each interval. The composite samples were designated as follows: WC-CS-Q1-6 4-10', WC-CS-Q1-6 10-15', and WC-CS-Q1-6 15-25' were taken, respectively.

All samples were transferred into laboratory supplied containers, stored on ice, and transported via courier to York. York is a NYSDOH ELAP certified environmental laboratory. The grab samples were analyzed utilizing the USEPA Method 8260 for VOCs. The composite samples were analyzed utilizing the USEPA Method 8260 for TCLP VOCs, USEPA Method 8270 for TCLP SVOCs, USEPA Method 6010/6020 for TCLP RCRA metals and TAL metals, USEPA Method 8082 for PCBs, USEPA Method 8151 for Herbicides, USEPA Method 8081 for Pesticides, and USEPA Method 8015 for EPH. The laboratory analytical results for clean soil are shown in Table III of this report. The waste characterization laboratory data packages are included in Appendix A of this report.

PCE IMPACTED SOIL SAMPLING

Based on the findings of from ***Laurel's*** SRI report, the PCE impacted soil depths and levels of contamination were found to vary based on their proximity to the different on-site areas of concern ("AOCs"). A total of five (5) continuous soil borings were advanced by a track mounted GeoProbe® drilling rig in Quadrants 2 through 6, where PCE impacted soils were previously detected. PCE was not detected above the NYSDEC Part 375 Unrestricted Use SCOs value of 1.3 milligrams per kilogram ("mg/kg") in Quadrant 1 during any sampling conducted at the Site by ***Laurel*** or others. The soil borings located in Quadrants 2 and 4 terminated at 15 feet bgs, the soil boring located in Quadrant 3 was terminated at 30 feet bgs, and the soil borings from Quadrants 5 and 6 terminated at 5-feet bgs. The PCE impacted soils were screened in 1-foot intervals for impacts by a PID, for detecting VOCs, and visual and olfactory methods for other evidence of contamination. PCE impacted soil sampling locations are shown on Figure 4.0 of this report.

For the soil borings in Quadrants 2, 3, and 4, three (3) grab samples were collected from each of the quadrants, for a total of nine (9) grab samples. The samples were collected within the intervals described above. One (1) grab sample was collected from the soil borings in Quadrants 5 and 6. The grab samples were collected from the 1-foot interval with the highest PID reading or other evidence of contamination within the specified intervals. If no VOCs were detected or other evidence of contamination observed, the grab sample was arbitrarily collected from the center of the specified interval. The respective grab samples were designated as follows: Quadrant 2: WC-PCE-Q2 2', WC-PCE-Q2 6', WC-PCE-Q2 14', Quadrant 3: WC-PCE-Q3-4', WC-PCE-Q3-11-12', WC-PCE-Q3-26', Quadrant 4: WC-PCE-Q4-3', WC-PCE-Q4-7', WC-PCE-Q4-12', Quadrant 5: WC-PCE-Q5 1', and Quadrant 6: WC-PCE-Q6 2'. Following collection of

the grab samples, soils from each soil boring's 0 to 5-foot interval were composited, and composite sample WC-PCE-Q2-6 0-5' was collected. The soil borings from both Quadrants 2 and 4 had their soils from the 5 to 10 and 10 to 15-foot intervals separately composited, and composite samples WC-PCE-Q2&4 5-10' and WC-PCE-Q2&4 10-15' were collected. The soil boring from Quadrant 3 had its soils from the 15 to 30-foot interval combined, and composite sample WC-PCE-Q3 15-30' was collected.

All samples were transferred into laboratory supplied containers, stored on ice, and transported via courier to York. York is a NYSDOH ELAP certified environmental laboratory. The grab samples were analyzed utilizing the USEPA Method 8260 for VOCs. The four (4) composite samples were analyzed utilizing the USEPA Method 8260 for TCLP VOCs, USEPA Method 8270 for TCLP SVOCs, USEPA Method 6010/6020 for TCLP eight (8) RCRA metals and TAL metals, USEPA Method 8082 for PCBs, USEPA Method 8151 for Herbicides, USEPA Method 8081 for Pesticides, and USEPA Method 8015 for EPH. The laboratory analytical results for clean soil are shown in Table IV of this report. The waste characterization laboratory data packages are included in Appendix A of this report.

2.2 PCE Delineation Sampling (Contained-in Determination Request)

Prior to the start of the remedial action, ***Laurel*** requested a contained-in determination be made by the NYSDEC for PCE wastes identified at the Site. Previous investigations had documented no exceedances of the Technical and Administrative Guidance Memorandum ("TAGM") 3028 criteria of 12 mg/kg for PCE in Quadrants 1, 4, or 6 at the Site. Quadrant 3 contained an irregularly shaped area of approximately 20'x35', extending from 0 to 5' and 15 to 17' bgs, with soils impacted with PCE above the TAGM criteria of 12 mg/kg [centered around SB-102]. Quadrant 5 contained a 10'x10' area, extending from 0 to 1' bgs, with soils impacted with PCE above the TAGM 3028 criteria of 12 mg/kg [centered around WC-PCE-Q5]. Quadrant 2 contained PCE exceeding the TAGM 3028 criteria in an area that remained to be delineated. These hazardous waste areas are shown on Figure 5.0 of this report.

Laurel performed further delineation of PCE wastes in Quadrant 2 on October 25, 2022, to satisfy the requirements of the NYSDEC and the respective soil disposal facilities, as documented in the Additional Contained-in Delineation Investigation report, dated November 16, 2022. Soils in the area of sample WC-HF-Q2 (4) collected at 2 to 3 feet bgs, contained PCE at 35 mg/kg, and in the area of WC-PCE-Q2 contained PCE at 68 mg/kg in the 2 to 3-foot interval, and PCE at 50 mg/kg in the 6 to 7-foot interval. The soils in the vicinity of WC-HF-Q2 (4) and WC-PCE-Q2 were further delineated through a series of step-out continuous soil borings located in cardinal directions (i.e., north, east, south, and west) at 10-foot intervals surrounding the historic sampling locations.

At the location of WC-HF-Q2 (4), four (4) additional continuous soil borings were conducted, with ten (10) additional grab samples collected and analyzed for volatile organic compounds ("VOCs"); the highest reported value of PCE was 4.2 mg/kg at the sample collected from HF-Q2 (4) E [10 feet east of WC-HF-Q2 (4)] at 3 feet bgs. The resulting hazardous waste bounds were a 20-foot by 20-foot square, centered on WC-HF-Q2 (4) extending to 6 feet bgs, bounded by sample locations HF-Q2 (4) N, HF-Q2 (4) E, HF-Q2 (4) S, and HF-Q2 (4) W. These delineation soil boring locations are shown on Figure 6.0 of this report. The laboratory analytical results are summarized in Table V of this report, and the laboratory data packages are included in Appendix B of this report.

At the location of WC-PCE-Q2, six (6) additional continuous soil borings were conducted, with nine (9) additional grab samples collected and analyzed for VOCs; the highest readings were as follows: 33 mg/kg of PCE at PCE-Q2 WW [20 feet west of WC-PCE-Q2], 11 mg/kg of PCE at PCE-Q2 WS [10 feet west and 10 feet south of WC-PCE-Q2], and 2.9 mg/kg (with an E-flag) at PCE-Q2 W [10 feet west of WC-PCE-Q2]. The resulting hazardous waste bounds were a 35-foot by approximately 20-foot irregularly shaped area extending to 8 feet bgs, bounded by sample locations WC-HF-Q2 (1), PCE-Q2 WN, PCE-Q2 N, PCE-Q2 E, PCE-Q2 S, WC-HF-Q5 (5), SB-101B, and. WC-HF-Q2 (5). Note: approximately 100 square feet of this hazardous waste area extended south into Quadrant 5. These delineation soil boring locations are shown on Figure 6.0 of this report. The laboratory analytical results are summarized in Table V of this report, and the laboratory data packages are included in Appendix B of this report.

2.3 Additional Waste Characterization Sampling

Following the start of remedial action, data gaps were identified in the available laboratory analytical data due to changing disposal facility requirements. Specifically, elevated SVOCs identified in the historic fill material now dictated further sampling to determine the extent and magnitude of SVOC contamination.

In Quadrant 1, one (1) 5-point composite sample, designated Grid 1 5-point Composite, 0-5', was collected via excavator on November 11, 2022, from the 0 to 5-foot interval and analyzed for NYSDEC Part 375 SVOCs and target compound list ("TCL") SVOCs. The composite locations are shown on Figure 7.0 of this report. The laboratory analytical results are summarized in Table VI of this report, and the laboratory data packages are included in Appendix C of this report.

In Quadrant 2 and 5, following the completion of hotspot remedial excavation in these Quadrants (described in the following section of this report), remaining SVOC impacted soils were sampled via excavator on December 6, 2022. Supplemental samples were collected from the previously reported locations of B-1, B-3, B-4, B-B, and SB-106. At these locations, grab samples were collected from a 1-foot interval beneath the historic sample depth, and at 5-foot distances to the north, east, west, and south of the historic sample location, where possible, at similar depths to the historic sample. The samples were designated B-1 EP, B-1 NE 5, B-1 S 5, B-1 W 5, B-3 EP, B-3 NE 5, B-3 S 5, B-3 W 5, B-4 EP, B-4 NE 5, B-4 S 5, B-4 W 5, B-B EP, B-B NE 5, B-B S 5, B-B W 5, SB-106 EP (5'), SB-106 EP (7'), SB-106 NE 5, SB-106 W 5, and SB-106 S 10. The samples were analyzed for contaminant of concern SVOCs, and some samples were also analyzed for total lead, as required by the intended disposal facility. The results of this sampling confirmed the presence and magnitude of SVOC impacts in the historic fill material of these Quadrants. The sample locations are shown on Figure 8.0 of this report. The laboratory analytical results are summarized in Table VII of this report, and the laboratory data packages are included in Appendix C of this report.

The remaining SVOC impacted soils from Quadrant 2 and Quadrant 5 were then excavated from the 0 to 4-foot interval and temporarily stockpiled on poly sheeting in Quadrant 3. Two (2) 5-point composite samples were collected from the stockpiles on December 12, 2022, designated Stockpile 1 and Stockpile 2, and analyzed for EPH, ignitability, corrosivity, total PCBs, reactive sulfide, reactive cyanide, and TCLP VOCs, TCLP SVOCs, and TCLP heavy metals, as required by the intended disposal facility. At the same time, one (1) grab sample was collected from Quadrant 5 at 10 feet bgs, and one (1) sample was collected from the boundary sidewall between Quadrant 4 and 5 at 3 feet bgs for informational purposes; the samples were designated Grid 5 10' bgs and Grid 4/5 3' bgs, respectively. The grab samples were analyzed for

VOCs by USEPA Method 8260. The sample locations are shown on Figure 9.0 of this report. The laboratory analytical results are summarized in Table VIII of this report, and the laboratory data packages are included in Appendix C of this report.

2.4 Hotspot Excavation Endpoint Sampling

As part of the remedial action, previously identified hazardous wastes were excavated from Quadrant 2, Quadrant 3, Quadrant 4, and Quadrant 5. All hotspots were documented as remediated through the collection of appropriate sidewall and bottom of excavation samples in accordance with DER-10 requirements.

QUADRANT 2 HOTSPOT EXCAVATION

Quadrant 2 contained the HF-Q2 and PCE-Q2 hotspot areas. The HF-Q2 hotspot was remediated by removal of 192.82 tons of hazardous waste from an irregularly shaped area approximately 25 feet by 25 feet, to a depth of 10 feet bgs (Note: some of the HF-Q2 hazardous waste was mistakenly manifested as originating from 'Grid 3' on January 4, 2023; the tonnage stated above incorporates this additional material). The PCE-Q2 hotspot area was remediated by removal of 306.09 tons of hazardous waste from an irregularly shaped area approximately 25 feet by 40 feet, including some excavated area within the bounds of Quadrant 5.

To document the successful remediation, five (5) endpoint grab samples were collected from the HF-Q2 hotspot area on December 13, 2022, and six (6) endpoint grab samples were collected from the PCE-Q2 hotspot area on December 23, 2022. The samples were designated HF Q2 North EP, HF Q2 East EP, HF Q2 South EP, HF Q2 West EP, HF Q2 Bottom EP, PCE-Q2 EP SW-W, PCE-Q2 EP B2, PCE-Q2 EP B1, PCE-Q2 EP SW-N1, PCE-Q2 EP SW- N2, and PCE-Q2 EP SW-S. The grab samples were analyzed for VOCs by USEPA Method 8260. The sample locations are shown on Figure 10.0 of this report. The laboratory analytical results are summarized in Table IX of this report, and the laboratory data packages are included in Appendix D of this report.

QUADRANT 3 HOTSPOT EXCAVATION

Quadrant 3 contained the SB-102 hotspot area. The SB-102 hotspot was remediated by removal of 377.64 tons of hazardous waste from an irregularly shaped area approximately 25 feet by 30 feet, to a depth of 17 feet bgs. The excavation included some area within the bounds of Quadrant 4.

To document the successful remediation, nine (9) endpoint grab samples were collected from the SB-102 hotspot area. The sidewall samples were collected on December 23, 2022, and the bottom of excavation samples were collected on March 6, 2023. The samples were designated SB-102 EP SW N 1, SB-102 EP SW N 2, SB-102 EP SW E 1, SB-102 EP SW E 2, SB-102 EP SW S, SB-102 EP SW W, SB-102-EP-B1, Q3-EP 2, and Q3-EP 3. The grab samples were analyzed for VOCs by USEPA Method 8260. The sample locations are shown on Figure 11.0 of this report. The laboratory analytical results are summarized in Table X of this report, and the laboratory data packages are included in Appendix D of this report.

QUADRANT 5 HOTSPOT EXCAVATION

Quadrant 5 contained the PCE-Q5 hotspot area. The PCE-Q5 hotspot was remediated by removal of 77.19 tons of hazardous waste from an irregularly shaped area approximately 30 feet by 20 feet, in the interval of 2 to 9 feet bgs.

To document the successful remediation, five (5) endpoint grab samples were collected from the PCE-Q5 hotspot area on November 29, 2022. The samples were designated PCE-Q5 EP North, PCE-Q5 EP East, PCE-Q5 EP West, PCE-Q5 EP South, and PCE-Q5 EP Bottom. The grab samples were analyzed for VOCs by USEPA Method 8260. The sample locations are shown on Figure 12.0 of this report. The laboratory analytical results are summarized in Table XI of this report, and the laboratory data packages are included in Appendix D of this report.

It should be noted that the PCE-Q5 EP North sample was collected on the boundary between Quadrant 2 and Quadrant 5 and contained 46 mg/kg of PCE. The PCE-Q5 hotspot excavation was conducted chronologically before the Quadrant 2 hotspot excavations; this remaining exceedance was remediated as part of the PCE-Q2 hotspot excavation later conducted in Quadrant 2 and Quadrant 5.

2.5 Verification Sampling

During the remedial action phase of the project, verification samples were collected when the Quadrant was expected to contain only soils meeting NYSDEC Part 375 Unrestricted Use SCOs as determined by previous sampling data. Representative soils were collected via excavator and contained soils from throughout the respective Quadrant in an interval approximately 0 to 10-feet beneath the existing grade. The required number of grab and composite samples were collected to characterize remaining soils for off-site disposal based on anticipated volume, in accordance with DER-10 requirements.

QUADRANT 1 VERIFICATION SAMPLES

Two (2) 5-point composites and six (6) grab samples were collected from Quadrant 1 for laboratory analysis on December 19, 2022. The grab samples were designated CS-1, CS-2, CS-3, CS-4, CS-5, and CS-6, and were analyzed for NYSDEC Part 375 VOCs by USEPA Method 8260. The composite samples were designated SP5-3 and SP5-4 and were analyzed for NYSDEC Part 375 SVOCs by USEPA Method 8270, NYSDEC Part 375 heavy metals, hexavalent chromium, and mercury by USEPA Methods 6010/6020/7473, NYSDEC Part 375 pesticides by USEPA Method 8081, NYSDEC Part 375 PCBs by USEPA Method 8082, and total cyanide. One (1) supplemental 5-point composite sample was collected from Quadrant 1 for laboratory analysis on January 4, 2023. The composite sample was designated Grid 1 CS-1 and was analyzed for per and poly-fluoroalkyl substances ("PFAS") by USEPA Method 1633. The sample locations are shown on Figure 13.0 of this report. The laboratory analytical results are summarized in Table XII of this report, and the laboratory data packages are included in Appendix E of this report.

Laboratory analysis of the Quadrant 1 soils found no compounds exceeding the NYSDEC Part 375 Unrestricted Use SCOs. As such, the Quadrant 1 soil was permitted for export to The Mulch Depot (a.k.a. Dan Como and Sons Landscape Supply), an unregulated facility located at 3 Como Court, Towaco, New Jersey.

QUADRANT 2 VERIFICATION SAMPLES

Two (2) 5-point composites and six (6) grab samples were collected from Quadrant 2 for laboratory analysis on January 4, 2023. The grab samples were designated Grid 2 CS-1, Grid 2 CS-2, Grid 2 CS-3, Grid 2 CS-4, Grid 2 CS-5, and Grid 2 CS-6 and were analyzed for NYSDEC Part 375 VOCs by USEPA Method 8260. The composite samples were designated Grid 2 CS-1 and Grid 2 CS-2 and were analyzed for NYSDEC Part 375 SVOCs by USEPA Method 8270, NYSDEC Part 375 heavy metals, hexavalent chromium, and mercury by USEPA Methods 6010/6020/7473, NYSDEC Part 375 pesticides by USEPA Method 8081, NYSDEC Part 375 PCBs by USEPA Method 8082, PFAS by USEPA Method 1633, and total cyanide. The sample locations are shown on Figure 13.0 of this report. The laboratory analytical results are summarized in Table XIII of this report, and the laboratory data packages are included in Appendix E of this report.

Laboratory analysis of the Quadrant 2 soils found the VOC acetone at concentrations above the NYSDEC Part 375 Unrestricted Use SCOs in four (4) of the six (6) grab samples. As such, the Quadrant 2 soil continued to be exported to regulated non-hazardous waste facilities managed by Impact Environmental.

QUADRANT 3 VERIFICATION SAMPLES

No verification samples were collected from Quadrant 3. All wastes were transported to appropriate regulated facilities as pre-determined in the previously discussed Contained-in Determination.

QUADRANT 4 VERIFICATION SAMPLES

Two (2) 5-point composites and six (6) grab samples were collected from Quadrant 4 for laboratory analysis January 10, 2023. The grab samples were designated Q4-CS-Grab 1, Q4-CS-Grab 2, Q4-CS-Grab 3, Q4-CS-Grab 4, Q4-CS-Grab 5, and Q4-CS-Grab 6, and were analyzed for NYSDEC Part 375 VOCs by USEPA Method 8260. The composite samples were designated Q4-CS-Composite 1 and Q4-CS-Composite 2 and were analyzed for NYSDEC Part 375 SVOCs by USEPA Method 8270, NYSDEC Part 375 heavy metals, hexavalent chromium, and mercury by USEPA Methods 6010/6020/7473, NYSDEC Part 375 pesticides by USEPA Method 8081, NYSDEC Part 375 PCBs by USEPA Method 8082, PFAS by USEPA Method 1633, and total cyanide. The sample locations are shown on Figure 13.0 of this report. The laboratory analytical results are summarized in Table XIV of this report, and the laboratory data packages are included in Appendix E of this report.

Laboratory analysis of the Quadrant 4 soils found the VOC PCE at concentrations above the NYSDEC Part 375 Unrestricted Use SCOs in one (1) of the six (6) grab samples. As such, the Quadrant 4 soil continued to be exported to regulated non-hazardous waste facilities managed by Impact Environmental.

Following removal of an additional 3,164.95 tons of soil from Quadrant 4, an additional one (1) 5-point composite and four (4) grab samples were collected from the remaining soil for laboratory analysis on March 9, 2023. The grab samples were designated Soil Pile G1, Soil Pile G2, Soil Pile G3, and Soil Pile G4, and were analyzed for NYSDEC Part 375 VOCs by USEPA Method 8260. The composite sample was designated Soil Pile Composite and was analyzed for NYSDEC Part 375 SVOCs by USEPA Method 8270, NYSDEC Part 375 heavy metals, hexavalent chromium, and mercury by USEPA Methods 6010/6020/7473, NYSDEC Part 375 pesticides by USEPA Method 8081, NYSDEC Part 375 PCBs by USEPA Method 8082, PFAS by USEPA Method 1633, and total cyanide. The sample locations are shown

on Figure 13.0 of this report. The laboratory analytical results are summarized in Table XV of this report, and the laboratory data packages are included in Appendix E of this report.

The additional laboratory analysis of the remaining Quadrant 4 soils found the heavy metals copper and zinc at concentrations above the NYSDEC Part 375 Unrestricted Use SCOs in the composite sample. As such, the Quadrant 4 soil continued to be exported to regulated non-hazardous waste facilities managed by Impact Environmental.

QUADRANT 5 VERIFICATION SAMPLES

Two (2) 5-point composites and five (5) grab samples were collected from Quadrant 5 for laboratory analysis on January 4, 2023. The grab samples were designated Grid 5 CS-1, Grid 5 CS-2, Grid 5 CS-3, Grid 5 CS-4, and Grid 5 CS-5, and were analyzed for NYSDEC Part 375 VOCs by USEPA Method 8260. The composite samples were designated Grid 5 CS-1 and Grid 5 CS-2 and were analyzed for NYSDEC Part 375 SVOCs by USEPA Method 8270, NYSDEC Part 375 heavy metals, hexavalent chromium, and mercury by USEPA Methods 6010/6020/7473, NYSDEC Part 375 pesticides by USEPA Method 8081, NYSDEC Part 375 PCBs by USEPA Method 8082, PFAS by USEPA Method 1633, and total cyanide. The sample locations are shown on Figure 13.0 of this report. The laboratory analytical results are summarized in Table XVI of this report, and the laboratory data packages are included in Appendix E of this report.

Laboratory analysis of the Quadrant 5 soils found no compounds exceeding the NYSDEC Part 375 Unrestricted Use SCOs. As such, the Quadrant 5 soil was permitted for export to The Mulch Depot (a.k.a. Dan Como and Sons Landscape Supply), an unregulated facility located at 3 Como Court, Towaco, New Jersey.

QUADRANT 6 VERIFICATION SAMPLES

Two (2) 5-point composites and five (5) grab samples were collected from Quadrant 6 for laboratory analysis on December 19, 2023. The grab samples were designated CS-7, CS-8, CS-9, CS-10, and CS-11, and were analyzed for NYSDEC Part 375 VOCs by USEPA Method 8260. The composite samples were designated SP5-1 and SP5-2 and were analyzed for NYSDEC Part 375 SVOCs by USEPA Method 8270, NYSDEC Part 375 heavy metals, hexavalent chromium, and mercury by USEPA Methods 6010/6020/7473, NYSDEC Part 375 pesticides by USEPA Method 8081, NYSDEC Part 375 PCBs by USEPA Method 8082, and total cyanide. One (1) supplemental 5-point composite sample was collected from Quadrant 6 for laboratory analysis on January 4, 2023. The composite sample was designated Grid 6 CS-1 and was analyzed for PFAS by USEPA Method 1633. The sample locations are shown on Figure 13.0 of this report. The laboratory analytical results are summarized in Table XVII of this report, and the laboratory data packages are included in Appendix E of this report.

Laboratory analysis of the Quadrant 6 soils found the pesticide Dieldrin at concentrations above the NYSDEC Part 375 Unrestricted Use SCOs in one (1) of two (2) composite samples. As such, the Quadrant 6 soil continued to be exported to regulated non-hazardous waste facilities managed by Impact Environmental.

Following removal of an additional 1,282.81 tons of soil from the Quadrant 6 stockpile, an additional four (4) grab samples were collected from the remaining soil for laboratory analysis on February 14, 2023. The grab samples were designated Q6 NE, Q6 NW, Q6 SE, Q6 SW, and were analyzed for NYSDEC Part 375

pesticides by USEPA Method 8081. The sample locations are shown on Figure 13.0 of this report. The laboratory analytical results are summarized in Table XVIII of this report, and the laboratory data packages are included in Appendix E of this report.

Laboratory analysis of the Quadrant 6 soils found no compounds exceeding the NYSDEC Part 375 Unrestricted Use SCOs. As such, the Quadrant 6 soil was permitted for export to The Mulch Depot (a.k.a. Dan Como and Sons Landscape Supply), an unregulated facility located at 3 Como Court, Towaco, New Jersey.

2.6 Excavation Endpoint Sampling

Following completion of the planned excavation, nineteen (19) endpoint grab samples were collected from throughout the Site on March 6, 2023; three (3) samples were collected from Quadrant 1 (designated Q1-EP 1, Q1-EP 2, and Q1-EP 3), four (4) samples were collected from Quadrant 2 (Q2-EP 1, Q2-EP 2, Q2-EP 3, Q2-EP 4), three (3) samples were collected from Quadrant 3 (Q3-EP 1, Q3-EP 2, Q3-EP 3), two (2) samples were collected from Quadrant 4 (Q4-EP 1, Q4-EP 2), four (4) samples were collected from Quadrant 5 (Q5-EP 1, Q5-EP 2, Q5-EP 3, and Q5-EP 4), and three (3) samples were collected from Quadrant 6 (Q6-EP 1, Q6-EP 2, and Q6-EP 3). The grab samples were analyzed for NYSDEC Part 375 VOCs by USEPA Method 8260, NYSDEC Part 375 SVOCs by USEPA Method 8270, NYSDEC Part 375 heavy metals, hexavalent chromium, and mercury by USEPA Methods 6010/6020/7473, NYSDEC Part 375 pesticides by USEPA Method 8081, NYSDEC Part 375 PCBs by USEPA Method 8082, NYSDEC Part 375 herbicides by USEPA Method 8151, and total cyanide. In addition, the samples located within the footprint of the previously excavated hotspots (Q2-EP 3, Q2-EP 4, Q3-EP 2, Q3-EP3, and Q5-EP 2) were further analyzed for PFAS by USEPA Method 1633. The sample locations are shown on Figure 14.0 of this report. The laboratory analytical results are summarized in Table XIX of this report, and the laboratory data packages are included in Appendix F of this report.

Laboratory analysis of the excavation endpoint samples found all analytes below the NYSDEC Part 375 Unrestricted Use SCOs, except at the location of Q5-EP 1, where acetone was found in the sample at a concentration above the NYSDEC Part 375 Unrestricted Use SCOs.

To remedy the acetone exceedance at Q5-EP 1, an additional 5 foot by 5-foot excavation was conducted to a depth of 7 feet below the previous grade. Approximately 9 tons of the acetone impacted soil was excavated and added to the remaining Quadrant 4 stockpile, which was later exported to a non-hazardous waste facility managed by Impact Environmental. Five (5) grab samples were collected from the hotspot excavation on March 16, 2023, in accordance with DER-10 sampling frequency requirements. The grab samples were designated Q5-EP1 HS Exc Bottom, Q5-EP1 HS Exc East Sidewall, Q5-EP1 HS Exc West Sidewall, Q5-EP1 HS Exc North Sidewall, and Q5-EP1 HS Exc South Sidewall. The grab samples were analyzed for NYSDEC Part 375 VOCs by USEPA Method 8260. The sample locations are shown on Figure 15.0 of this report. The laboratory analytical results are summarized in Table XX of this report, and the laboratory data packages are included in Appendix F of this report.

Laboratory analysis of the Q5-EP 1 hotspot excavation endpoint samples found no compounds exceeding the NYSDEC Part 375 Unrestricted Use SCOs, and the remedial excavation for the project was determined to be successfully completed.

3.0 Post Excavation Activities

An internal audit of excavated materials was completed by ***Laurel*** following completion of the excavation. The audit identified completed manifests associated with forty-three (43) soil shipments of regulated non-hazardous wastes and one-hundred and ninety-four (194) unrestricted use soil shipments that were not returned from the intended disposal facilities to the generator. ***Laurel*** previously notified the NYSDEC of this discrepancy in a letter dated May 1, 2023, which further detailed the efforts undertaken to resolve the discrepancy. The discrepancy involves soil and non-hazardous wastes generated from Quadrants 1, 2, 4, and 6 at the Site between the dates of December 20, 2022, and March 3, 2023. All recorded information regarding the trucks associated with transporting the soil shipments referenced above is provided in Table XXI.

3.1 Excavation Calculations and Comparisons

Manifests were reviewed and total weights were calculated for materials removed from the Site and received by the disposal facility. Given the varying stratigraphy and density of soils present at the Site, the per-truck weight was reported to range from 17.05 tons to 34.68 tons (excluding an outlier reported at 14.87 tons). A summary of the tonnage of soil disposed by Quadrant is shown in Table XXII. It should be noted that weights had to be estimated for the one-hundred and ninety-four (194) unrestricted use soil shipments originating from Quadrants 1 and 5 that had no associated scale tickets returned for review.

Hazardous waste manifests were further reviewed and compared against the anticipated calculated values as stated in the approved contained-in determination request. A comparison of the actual hazardous waste generation versus calculated values is shown in Table XXIII.

Respectfully submitted,
Laurel Environmental Geosciences, DPC.

Jamie Burgher
Project Manager

Scott A. Yanuck, P.G.
President

Attachments: Tables

Figure 1.0 – Site Sketch with Quadrant Locations
Figure 2.0 – Site Sketch with Historic Fill Sampling Locations
Figure 3.0 – Site Sketch with Clean Soil Sampling Locations
Figure 4.0 – Site Sketch with PCE Sampling Locations
Figure 5.0 – Site Sketch with Hazardous Waste Areas
Figure 6.0 – Site Sketch with Q2 Hazardous Waste Area Details
Figure 7.0 – Site Sketch with Grid 1 Composite Sample Locations
Figure 8.0 – Site Sketch with SVOC Delineation Sampling Locations
Figure 9.0 – Site Sketch with SVOC Stockpile and Sampling Locations
Figure 10.0 – Site Sketch with Q2 Hotspot Excavations and Endpoint Sampling Locations
Figure 11.0 – Site Sketch with Q3 Hotspot Excavation and Endpoint Sampling Locations
Figure 12.0 – Site Sketch with Q5 Hotspot Excavation and Endpoint Sampling Locations
Figure 13.0 – Site Sketch with Verification Sample Locations
Figure 14.0 – Site Sketch with Excavation Endpoint Sample Locations
Figure 15.0 – Site Sketch with Q5-EP1 Hotspot Excavation and Sample Locations
Appendix A – Waste Characterization Laboratory Data Packages
Appendix B – PCE Delineation Laboratory Data Packages
Appendix C – Additional Waste Characterization Laboratory Data Packages
Appendix D – Hotspot Excavation Endpoint Sampling Laboratory Data Packages
Appendix E – Verification Sampling Laboratory Data Packages
Appendix F – Excavation Endpoint Sampling Laboratory Data Packages

Professional Engineer Certification
Data Summary Report for 27-09 40th Avenue, Long Island City, New York

I, James P. Cinelli, certify that I am currently a New York State registered professional engineer. Based on my inquiry of the person or persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete and represents is an accurate reporting of the removal of the contaminated material from the referenced site. I am aware that there are significant penalties for submitting false information.



Date: 6/21/2023

TABLES

Table I: All UU SCO Exceedances by Quadrant

Quadrant	Depth (ft)	Phase	Sample ID	Sample Year	Parameter	Value (mg/kg)	Standard	Disposal Facility	Comments
1	0 to 2	Remedial Investigation	TW-3		Lead	149	63	Impact*	Historic Sample by Others
					Mercury	0.466	0.18		
	0 to 4	Waste Char.	WC-HF-Q1	2021	Dieldrin	0.183	0.039		
	0 to 5	Waste Char.	Grid 1 5-point Composite	2022	Benzo(a)anthracene	1.42	1		
					Benzo(a)pyrene	1.6	1		
					Benzo(b)fluoranthene	1.51	1		
					Benzo(k)fluoranthene	1.38	0.8		
					Chrysene	1.49	1		
					Dibenzo(a,h)anthracene	0.337	0.33		
					Indeno(1,2,3-cd)pyrene	0.887	0.5		
2	0 to 2	Remedial Investigation	B-4	2019	Benzo(a)anthracene	2.02	1	ACUA	Historic Sample by Others
					Benzo(a)pyrene	1.66	1		
					Benzo(b)fluoranthene	1.52	1		
					Benzo(k)fluoranthene	1.38	0.8		
					Chrysene	1.84	1		
					Dibenzo(a,h)anthracene	0.372	0.33		
					Indeno(1,2,3-cd)pyrene	1.11	0.5		
					4,4'-DDT	0.0527	0.0033		
					Mercury	0.492	0.18		
	0 to 2	Remedial Investigation	B1	2019	Tetrachloroethylene	5.6	1.3	EnGlobe	Historic Sample by Others
					Benzo(a)anthracene	1.7	1		
					Benzo(a)pyrene	1.4	1		
					Benzo(b)fluoranthene	1.37	1		
					Benzo(k)fluoranthene	1.2	0.8		
					Chrysene	1.6	1		
					Indeno(1,2,3-cd)pyrene	0.838	0.5		
					Copper	76.7	50		
					Lead	710	63		
					Mercury	0.375	0.18		
					Zinc	415	109		
	0 to 2	Remedial Action	B-1 NE 5	2022	Benzo(a)pyrene	1.6	1	ACUA	
					Lead	118	63		
	0 to 2	Remedial Action	B-1 S 5	2022	Benzo(a)pyrene	1.9	1		
					Lead	404	63		
	0 to 2	Remedial Action	B-1 W 5	2022	Benzo(a)pyrene	6.3	1		
					Lead	414	63		
	0 to 2	Remedial Action	B-4 S 5	2022	Benzo(a)pyrene	1.5	1		
	0 to 2	Remedial Action	B-4 W 5	2022	Benzo(a)pyrene	1.6	1		
	0 to 2	Remedial Investigation	SB-102G	2020	Tetrachloroethylene	17	1.3	EnGlobe	
	0 to 4	Waste Char.	WC-HF-Q2	2021	Barium	438	350	Impact*	
	0 to 5	Waste Char.	WC-PCE-Q2	2021	Silver	45	8.3	EnGlobe	
	2 to 3				Acetone	0.2	0.05		
					Tetrachloroethylene	68	1.3		
	6 to 7				Acetone	0.1	0.05		
					Tetrachloroethylene	50	1.3		
	1 to 2	Waste Char.	WC-HF-Q2 (1)	2021	Tetrachloroethylene	9.3	1.3		
	1 to 4	Remedial Investigation	SB-103	2020	Tetrachloroethylene	3.4	1.3		
	2 to 3	Waste Char.	WC-HF-Q2 (4)	2021	Tetrachloroethylene	35	1.3		
	2 to 3	Waste Char.	WC-HF-Q2 (5)	2021	Tetrachloroethylene	9.6	1.3		
	2	Contained-in Determination	PCE-Q2 WS	2022	Tetrachloroethylene	11	1.3		
	2	Remedial Action	B-1 EP	2022	Lead	1120	63	ACUA	
	3	Contained-in Determination	PCE-Q2 WW	2022	Tetrachloroethylene	33	1.3	EnGlobe	
	3	Contained-in Determination	HF-Q2 (4) E	2022	Tetrachloroethylene	4.2	1.3		
	5	Contained-in Determination	PCE-Q2 W	2022	Tetrachloroethylene	2.9*	1.3		
	5 to 7	Remedial Investigation	SB-106	2020	Benzo(a)anthracene	1.19	1	Impact*	
					Chrysene	1.06	1		
					Indeno(1,2,3-cd)pyrene	0.5	0.503		
	7 to 9	Waste Char.	WC-CS-Q2	2021	Tetrachloroethylene	1.4	1.3		
	10 to 20	Remedial Action	Grid 2 CS-1	2023	Acetone	0.083	0.05		
	10 to 20	Remedial Action	Grid 2 CS-3	2023	Acetone	0.069	0.05		
	10 to 20	Remedial Action	Grid 2 CS-5	2023	Acetone	0.066	0.05		
	10 to 20	Remedial Action	Grid 2 CS-6	2023	Acetone	0.2	0.05		

3	0 to 2	Remedial Investigation	B-A	2019	Tetrachloroethylene	2.5	1.3	EnGlobe	Historic Sample by Others
					Zinc	222	109		
	25 to 27				Tetrachloroethylene	11	1.3		
	2 to 3	Waste Char.	WC-HF-Q3 (4)	2021	Tetrachloroethylene	130	1.3		
	3 to 5	Remedial Investigation	SB-102C	2020	Tetrachloroethylene	30	1.3		
	15 to 17	Remedial Investigation				17	1.3		
			DUP-20200714			5.7	1.3		
4	0 to 20	Remedial Action	Q4-CS-Grab 5	2023	Tetrachloroethylene	10	1.3	Impact*	
	15 to 25	Remedial Action	Soil Pile Composite	2023	Copper	69.8	50		
					Zinc	164	109		
5	0 to 1	Waste Char.	WC-PCE-Q5	2021	Tetrachloroethylene	27	1.3	EnGlobe	
	0 to 2	Remedial Investigation	SB-107	2020	Tetrachloroethylene	1.6	1.3	Impact*	
	0 to 2	Remedial Investigation	B-3	2019	Benzo(a)anthracene	1.13	1	ACUA	Historic Sample by Others
					Benzo(a)pyrene	1.05	1		
					Chrysene	1.04	1		
					Indeno(1,2,3-cd)pyrene	0.595	0.5		
					Lead	419	63		
					Mercury	0.357	0.18		
					Zinc	344	109		
	0 to 2	Remedial Investigation	B-B	2019	Tetrachloroethylene	8.4	1.3	EnGlobe	Historic Sample by Others
					Benzo(a)anthracene	2.48	1		
					Benzo(a)pyrene	2.22	1		
					Benzo(b)fluoranthene	1.78	1		
					Benzo(k)fluoranthene	1.64	0.8		
					Chrysene	2.27	1		
					Dibenzo(a,h)anthracene	0.522	0.33		
					Indeno(1,2,3-cd)pyrene	1.78	0.5		
					Barium	388	350		
					Copper	160	50		
					Lead	787	63		
					Mercury	0.684	0.18		
					Zinc	444	109		
	0 to 2	Remedial Action	B-B NE 5	2022	Lead	201	63	ACUA	
					Benz(a)anthracene	1.4	1		
					Benzo(a)pyrene	1.6	1		
					Benzo(b)fluoranthene	1.8	1		
					Chrysene	1.3	1		
					Indeno(1,2,3-cd)pyrene	1	0.5		
	0 to 2	Remedial Action	B-B S 5	2022	Lead	654	63		
	0 to 2	Remedial Action	B-B W 5	2022	Lead	115	63		
					Benz(a)anthracene	1.3	1		
					Benzo(a)pyrene	1.5	1		
					Benzo(b)fluoranthene	2	1		
					Chrysene	1.3	1		
					Indeno(1,2,3-cd)pyrene	1.2			
	1	Remedial Action	PCE-Q5 EP North	2022	Tetrachloroethylene	46	1.3	EnGlobe	
	2	Remedial Action	B-B EP	2022	Lead	305	63	ACUA	
	2 to 3	Waste Char.	WC-HF-Q5 (2)	2021	Tetrachloroethylene	4.2	1.3	EnGlobe	
	2 to 5	Remedial Investigation	SB-101B	2020	Tetrachloroethylene	7.9	1.3		
	3	Contained-in Determination	WC-HF-Q5 (5)	2022	Tetrachloroethylene	1.8	1.3	ACUA	
	3 to 4	Waste Char.	WC-HF-Q5 (5)	2021	Tetrachloroethylene	4.2	1.3	Impact*	
	4	Remedial Investigation	AEI-B3	2008	Copper	102	50		Historic Sample by Others
					Lead	682	63		
					Zinc	240	109		
	4	Remedial Investigation	AEI-B4	2008	Copper	89.8	50		Historic Sample by Others
					Lead	785	63		
					Mercury	0.18	0.18		
					Zinc	378	109		
	22	Remedial Action	Q5-EP1	2023	Acetone	0.056	0.05		
6	0 to 2	Remedial Investigation	B-5	2019	Copper	70.5	50	Impact*	Historic Sample by Others
					Lead	355	63		
					Mercury	0.298	0.18		
					Zinc	288	109		
	13 to 20	Remedial Investigation	SB-105	2020	Dieldrin	0.00578	0.005		
	15 to 20	Remedial Action	SP5-1	2022	Dieldrin	0.00722	0.005		

NOTES:

Impact* - Soil was disposed of at one of several disposal facilities operated by Impact Environmental

Table II: Historic Fill Samples vs UU SCOs (Detections Only)

Sample ID	NYSDEC Part 375 UU SCOs	WC-HF-Q1-1		WC-HF-Q1-2		WC-HF-Q1-3		WC-HF-Q1-4		WC-HF-Q1-5	
Sampling Interval		2'		2'		2'		2'		3'	
Sampling Date		5/28/2021		5/28/2021		5/28/2021		5/28/2021		5/28/2021	
Client Matrix		Soil		Soil		Soil		Soil		Soil	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOCs	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor		1		1		1		1		1	
Acetone	0.05	0.01	U	0.006	U	0.005	U	0.006	U	0.005	U
Methylene chloride	0.05	0.01	U	0.006	U	0.005	U	0.006	U	0.005	U
p-Isopropyltoluene	~	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
Tetrachloroethylene	1.3	0.005	J	0.006		0.04		0.2		0.1	
Toluene	0.7	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
Trichloroethylene	0.47	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U

Sample ID	NYSDEC Part 375 UU SCOs	WC-HF-Q2-1		WC-HF-Q2-2		WC-HF-Q2-3		WC-HF-Q2-4		WC-HF-Q2-5	
Sampling Interval		1'		4'		4'		2'		2'	
Sampling Date		5/27/2021		5/27/2021		5/27/2021		5/27/2021		5/27/2021	
Client Matrix		Soil		Soil		Soil		Soil		Soil	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOCs	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor		100		100		1		500		100	
Acetone	0.05	0.04		0.02		0.02		0.03		0.01	J
Methylene chloride	0.05	0.006	U	0.005	U	0.005	U	0.01	J	0.01	
p-Isopropyltoluene	~	0.003	U	0.002	U	0.003	U	0.004	U	0.003	U
Tetrachloroethylene	1.3	**9.3**	D	0.9	D	0.02		**35**	D	**9.6**	D
Toluene	0.7	0.003	U	0.002	U	0.003	U	0.004	U	0.003	U
Trichloroethylene	0.47	0.003	U	0.002	U	0.003	U	0.02		0.01	

Sample ID	NYSDEC Part 375 UU SCOs	WC-HF-Q3-1		WC-HF-Q3-2		WC-HF-Q3-3		WC-HF-Q3-4		WC-HF-Q3-5	
Sampling Interval		2'-3'		2'-3'		2'-3'		2'-3'		2'-3'	
Sampling Date		5/26/2021		5/26/2021		5/26/2021		5/26/2021		5/26/2021	
Client Matrix		Soil		Soil		Soil		Soil		Soil	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOCs	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor		1		1		1		500		1	
Acetone	0.05	0.005	U	0.01	J	0.01	J	0.01	J	0.005	U
Methylene chloride	0.05	0.05		0.03		0.02		0.03		0.02	
p-Isopropyltoluene	~	0.002	U	0.003	U	0.002	U	0.003	J	0.002	U
Tetrachloroethylene	1.3	0.01		0.01		0.1		**130**	DE	0.01	
Toluene	0.7	0.01		0.003	U	0.002	U	0.002	U	0.002	U
Trichloroethylene	0.47	0.002	U	0.003	U	0.002	U	0.002	U	0.002	U

Sample ID	NYSDEC Part 375 UU SCOs	WC-HF-Q4-1		WC-HF-Q4-2		WC-HF-Q4-3		WC-HF-Q4-4		WC-HF-Q4-5	
Sampling Interval		2'		2'		2'		2'		2'	
Sampling Date		5/26/2021		5/26/2021		5/26/2021		5/26/2021		5/26/2021	
Client Matrix		Soil		Soil		Soil		Soil		Soil	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOCs	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor		1		1		1		1		1	
Acetone	0.05	0.01	J	0.005	U	0.005	U	0.005	U	0.006	U
Methylene chloride	0.05	0.01		0.01		0.01		0.01		0.01	
p-Isopropyltoluene	~	0.003	U	0.003	U	0.002	U	0.003	U	0.003	U
Tetrachloroethylene	1.3	0.01		0.004	J	0.005		0.1		0.1	
Toluene	0.7	0.003	U	0.003	U	0.002	U	0.003	U	0.003	U
Trichloroethylene	0.47	0.003	U	0.003	U	0.002	U	0.003	U	0.003	U

Sample ID	NYSDEC Part 375 UU SCOs	WC-HF-Q5-1		WC-HF-Q5-2		WC-HF-Q5-3		WC-HF-Q5-4		WC-HF-Q5-5	
Sampling Interval		3'		2'		4'		2'		3'	
Sampling Date		5/27/2021		5/27/2021		5/27/2021		5/27/2021		5/27/2021	
Client Matrix		Soil		Soil		Soil		Soil		Soil	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOCs	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor		1		100		1		1		100	
Acetone	0.05	0.005	U	0.005	U	0.005	U	0.006	U	0.005	U
Methylene chloride	0.05	0.01	J	0.005	U	0.005	U	0.006	U	0.005	U
p-Isopropyltoluene	~	0.002	U	0.002	U	0.003	U	0.003	U	0.002	U
Tetrachloroethylene	1.3	0.01		**4.2**	D	0.01		0.1		**1.8**	D
Toluene	0.7	0.002	U	0.002	U	0.003	U	0.003	U	0.002	U
Trichloroethylene	0.47	0.002	U	0.002	U	0.003	U	0.003	U	0.002	U

Sample ID Sampling Interval Sampling Date Client Matrix	NYSDEC Part 375 UU SCOs	WC-HF-Q6-1 4' 5/27/2021 Soil		WC-HF-Q6-2 2' 5/27/2021 Soil		WC-HF-Q6-3 2' 5/27/2021 Soil		WC-HF-Q6-4 2' 5/27/2021 Soil		WC-HF-Q6-5 2' 5/27/2021 Soil	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOCs **Dilution Factor**	mg/Kg	mg/Kg 1		mg/Kg 1		mg/Kg 100		mg/Kg 1		mg/Kg 1	
Acetone	0.05	0.005	U	0.005	U	0.005	U	0.005	U	0.005	U
Methylene chloride	0.05	0.005	U	0.01	J	0.005	U	0.005	U	0.005	U
p-Isopropyltoluene	~	0.003	U	0.003	U	0.002	U	0.003	U	0.002	U
Tetrachloroethylene	1.3	0.01		0.004	J	1.0	D	0.01		0.03	
Toluene	0.7	0.003	U	0.003	U	0.002	U	0.003	U	0.002	U
Trichloroethylene	0.47	0.003	U	0.003	U	0.002	U	0.003	U	0.002	U

Sample ID Sampling Interval Sampling Date Client Matrix	NYSDEC Part 375 UU SCOs	WC-HF-Q1 0'-4' 5/28/2021 Soil		WC-HF-Q2 0'-4' 5/27/2021 Soil		WC-HF-Q3 0'-4' 5/27/2021 Soil		WC-HF-Q4 0'-4' 5/27/2021 Soil		WC-HF-Q5 0'-4' 5/27/2021 Soil		WC-HF-Q6 0'-4' 5/27/2021 Soil	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Pesticides **Dilution Factor**	mg/Kg	mg/Kg 5		mg/Kg 5		mg/Kg 5		mg/Kg 5		mg/Kg 5		mg/Kg 5	
alpha-Chlordane	0.094	0.115	D	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
Chlordane, total	~	0.6	DP	0.036	U	0.035	U	0.036	U	0.036	U	0.036	U
Dieldrin	0.005	**0.183**	D	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
Endrin	0.014	0.005	D	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
gamma-Chlordane	~	0.1	D	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
Heptachlor	0.042	0.01	D	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U

Sample ID Sampling Interval Sampling Date Client Matrix	NYSDEC Part 375 UU SCOs	WC-HF-Q1 0'-4' 5/28/2021 Soil		WC-HF-Q2 0'-4' 5/27/2021 Soil		WC-HF-Q3 0'-4' 5/27/2021 Soil		WC-HF-Q4 0'-4' 5/27/2021 Soil		WC-HF-Q5 0'-4' 5/27/2021 Soil		WC-HF-Q6 0'-4' 5/27/2021 Soil	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
NJDEP EPH (Cat. 2 Non-Fractionated) **Dilution Factor**		mg/kg 1		mg/kg 1		mg/kg 1		mg/kg 1		mg/kg 2		mg/kg 1	
Total EPH	~	55	U	54	U	52	U	54	U	434	D	55	U

Sample ID Sampling Interval Sampling Date Client Matrix	NYSDEC Part 375 UU SCOs	WC-HF-Q1 0'-4' 5/28/2021 Soil		WC-HF-Q2 0'-4' 5/27/2021 Soil		WC-HF-Q3 0'-4' 5/27/2021 Soil		WC-HF-Q4 0'-4' 5/27/2021 Soil		WC-HF-Q5 0'-4' 5/27/2021 Soil		WC-HF-Q6 0'-4' 5/27/2021 Soil	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Metals **Dilution Factor**	mg/Kg	mg/Kg 1		mg/Kg 1		mg/Kg 1		mg/Kg 1		mg/Kg 1		mg/Kg 1	
Aluminum	~	11,100		11,100		9,040		12,600	B	13,500	B	13,500	B
Arsenic	13	5.3		4.1		2.7		2.6		6.3		3.8	
Barium	350	80		**438**		27		41		162		100	
Cadmium	2.5	0.3	U	0.4		0.3	U	0.3	U	0.6		0.4	
Calcium	~	4,230		21,300		801		1,440	B	1,910	B	2,660	B
Chromium	~	18.5		19.5		18		16.6		21		18.2	
Cobalt	~	6.6		7.3		5.4		6.7		7.2		7.0	
Copper	50	23		24.100		29		9.9		55		23	
Iron	~	14,800		17,300		13,900		13,100		14,600		15,000	
Lead	63	110		140		19		11.1		262		90	
Magnesium	~	2,620		3,440		2,790		2,120	B	2,210	B	2,520	B
Manganese	1,600	312		348		284		379		373		466	
Nickel	30	15.4		1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
Potassium	~	952	B	1,250	B	908	B	2,590		2,620		2,480	
Sodium	~	89		96		55		126	B	145	B	172	B
Vanadium	~	25		21		19.1		22		26		31	
Zinc	109	106		215		137		26		184		100	

Sample ID Sampling Interval Sampling Date Client Matrix	NYSDEC Part 375 UU SCOs	WC-HF-Q1 0'-4' 5/28/2021 Soil		WC-HF-Q2 0'-4' 5/27/2021 Soil		WC-HF-Q3 0'-4' 5/27/2021 Soil		WC-HF-Q4 0'-4' 5/27/2021 Soil		WC-HF-Q5 0'-4' 5/27/2021 Soil		WC-HF-Q6 0'-4' 5/27/2021 Soil	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Mercury	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor		1		1		1		1		1		1	
Mercury	0.18	0.29		0.35		0.03	U	0.17		0.19		0.25	

NOTES:

Any Regulatory Exceedances are highlighted in **yellow** and Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution, J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated, U=analyte not detected at or above the level indicated, E=result is estimated and cannot be accurately reported due to levels encountered or interferences, ~=this indicates that no regulatory limit has been established for this analyte

Table III: Clean Soil Samples vs UU SCOs (Detections Only)

Sample ID Sampling Interval Sampling Date Client Matrix	NYSDEC Part 375 UU SCOs	WC-CS-Q1 7' 5/28/2021 Soil		WC-CS-Q1 13' 5/28/2021 Soil		WC-CS-Q1 18' 5/28/2021 Soil		WC-CS-Q1 23' 5/28/2021 Soil	
Compound		Result	Q	Result	Q	Result	Q	Result	Q
VOCs	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor		1		1		1		1	
2-Butanone	~	0.003	U	0.003	U	0.002	U	0.002	U
Acetone	0.05	0.005	U	0.006	U	0.005	U	0.005	U
Methylene chloride	0.05	0.005	U	0.006	U	0.005	U	0.005	U
Tetrachloroethylene	1.3	0.003	U	0.003	U	0.01		0.01	
Toluene	0.7	0.003	U	0.003	U	0.002	U	0.002	U

Sample ID Sampling Interval Sampling Date Client Matrix	NYSDEC Part 375 UU SCOs	WC-CS-Q2 7'-9' 5/27/2021 Soil		WC-CS-Q2 12'-14' 5/27/2021 Soil		WC-CS-Q2 19' 5/27/2021 Soil		WC-CS-Q2 23' 5/27/2021 Soil	
Compound		Result	Q	Result	Q	Result	Q	Result	Q
VOCs	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor		100		1		1		1	
2-Butanone	~	0.003	U	0.01		0.003	J	0.002	U
Acetone	0.05	0.005	U	0.02		0.01		0.02	
Methylene chloride	0.05	0.006	J	0.004	U	0.005	U	0.004	U
Tetrachloroethylene	1.3	**1.4**	D	0.07		0.05		0.06	
Toluene	0.7	0.003	U	0.002	U	0.002	U	0.002	U

Sample ID Sampling Interval Sampling Date Client Matrix	NYSDEC Part 375 UU SCOs	WC-CS-Q3 7' 5/26/2021 Soil		WC-CS-Q3 13' 5/26/2021 Soil		WC-CS-Q3 18' 5/26/2021 Soil		WC-CS-Q3 23' 5/26/2021 Soil	
Compound		Result	Q	Result	Q	Result	Q	Result	Q
VOCs	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor		1		1		1		1	
2-Butanone	~	0.003	U	0.002	U	0.003	U	0.003	U
Acetone	0.05	0.006	U	0.005	U	0.007	J	0.005	U
Methylene chloride	0.05	0.006	U	0.01		0.02		0.02	
Tetrachloroethylene	1.3	0.005	J	0.01		0.01		0.02	
Toluene	0.7	0.003	U	0.002	U	0.02		0.003	U

Sample ID Sampling Interval Sampling Date Client Matrix	NYSDEC Part 375 UU SCOs	WC-CS-Q4 7' 5/26/2021 Soil		WC-CS-Q4 12' 5/26/2021 Soil		WC-CS-Q4 17' 5/26/2021 Soil		WC-CS-Q4 22' 5/26/2021 Soil	
Compound		Result	Q	Result	Q	Result	Q	Result	Q
VOCs	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor		1		1		1		1	
2-Butanone	~	0.002	U	0.003	U	0.003	U	0.003	U
Acetone	0.05	0.01	J	0.005	U	0.01	J	0.006	U
Methylene chloride	0.05	0.01		0.02		0.02		0.006	U
Tetrachloroethylene	1.3	0.01		0.01		0.05		0.03	
Toluene	0.7	0.002	U	0.003	U	0.003	U	0.004	J

Sample ID Sampling Interval Sampling Date Client Matrix	NYSDEC Part 375 UU SCOs	WC-CS-Q5 9' 5/27/2021 Soil		WC-CS-Q5 12' 5/27/2021 Soil		WC-CS-Q5 17' 5/27/2021 Soil		WC-CS-Q5 23' 5/27/2021 Soil	
Compound		Result	Q	Result	Q	Result	Q	Result	Q
VOCs	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor		1		1		1		1	
2-Butanone	~	0.003	U	0.002	U	0.003	U	0.003	U
Acetone	0.05	0.005	U	0.01	J	0.005	U	0.005	U
Methylene chloride	0.05	0.005	U	0.005	U	0.005	U	0.005	U
Tetrachloroethylene	1.3	0.1		0.1		0.1		0.1	
Toluene	0.7	0.003	U	0.002	U	0.003	U	0.003	U

Sample ID Sampling Interval Sampling Date Client Matrix	NYSDEC Part 375 UU SCOs	WC-CS-Q6 9' 5/27/2021 Soil		WC-CS-Q6 13' 5/27/2021 Soil		WC-CS-Q6 19' 5/27/2021 Soil		WC-CS-Q6 21' 5/27/2021 Soil	
Compound		Result	Q	Result	Q	Result	Q	Result	Q
VOCs	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor		1		1		1		1	
2-Butanone	~	0.003	U	0.003	U	0.003	U	0.002	U
Acetone	0.05	0.005	U	0.005	U	0.006	U	0.004	U
Methylene chloride	0.05	0.01	J	0.005	U	0.006	U	0.004	U
Tetrachloroethylene	1.3	0.04		0.03		0.03		0.1	
Toluene	0.7	0.003	U	0.003	U	0.003	U	0.002	U

Sample ID	NYSDEC Part 375 UU SCOs	WC-CS-Q6		WC-CS-Q6		WC-CS-Q1		WC-CS-Q1		WC-CS-Q1	
Sampling Interval		9'		13'		7'		13'		23'	
Sampling Date		5/27/2021		5/27/2021		5/28/2021		5/28/2021		5/28/2021	
Client Matrix		Soil		Soil		Soil		Soil		Soil	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOCs, TCLP RCRA List	mg/Kg	mg/L		mg/L		mg/L		mg/L		mg/L	
Dilution Factor		10		10		10		10		10	
Benzene	0.06	0.03	U	0.03	U	0.04	JD	0.03	U	0.03	U

Sample ID	NYSDEC Part 375 UU SCOs	WC-CS-Q1-06		WC-CS-Q1-06		WC-CS-Q1-06	
Sampling Interval		4'-10'		10'-15'		15'-25'	
Sampling Date		5/28/2021		5/28/2021		5/28/2021	
Client Matrix		Soil		Soil		Soil	
Compound		Result	Q	Result	Q	Result	Q
Metals	mg/Kg	mg/Kg		mg/Kg		mg/Kg	
Dilution Factor		1		1		1	
Aluminum	~	6,980		6,300		7,530	
Arsenic	13	2.2		2.40		2.4	
Barium	350	45		39		46	
Calcium	~	1,680		1,410		3,660	
Chromium	~	18.8		15.9		19.9	
Cobalt	~	6.2		6.1		7.3	
Copper	50	15.8		16		18.2	
Iron	~	13,800		11,600		14,000	
Lead	63	17.6		13.5		13.2	
Magnesium	~	2,830		2,750		4,430	
Manganese	1,600	280		307		342	
Nickel	30	13.3		12.7		15.5	
Potassium	~	1,270	B	1,080	B	1,440	B
Sodium	~	92		97		176.0	
Vanadium	~	23		17.9		23	
Zinc	109	31		30		50	

Sample ID	NYSDEC Part 375 UU SCOs	WC-CS-Q1-06		WC-CS-Q1-06		WC-CS-Q1-06	
Sampling Interval		4'-10'		10'-15'		15'-25'	
Sampling Date		5/28/2021		5/28/2021		5/28/2021	
Client Matrix		Soil		Soil		Soil	
Compound		Result	Q	Result	Q	Result	Q
Mercury	mg/Kg	mg/Kg		mg/Kg		mg/Kg	
Dilution Factor		1		1		1	
Mercury	0.18	0.03		0.03	U	0.03	

NOTES:

Any Regulatory Exceedances are highlighted in **yellow** and Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution, J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated, U=analyte not detected at or above the level indicated, B=analyte found in the analysis batch blank, E=result is estimated and cannot be accurately reported due to levels encountered or interferences, ~=this indicates that no regulatory limit has been established for this analyte

Table IV: PCE Soil Samples vs UU SCOs (Detections Only)

Sample ID Sampling Interval Sampling Date Client Matrix	NYSDEC Part 375 UU SCOs	WC-PCE-Q2 2' 5/27/2021 Soil		WC-PCE-Q2 6' 5/27/2021 Soil		WC-PCE-Q2 14' 5/27/2021 Soil		WC-PCE-Q3 4' 5/26/2021 Soil		WC-PCE-Q3 11'-12' 5/26/2021 Soil		WC-PCE-Q3 26' 5/26/2021 Soil	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOCs **Dilution Factor**	mg/Kg	mg/Kg 500		mg/Kg 500		mg/Kg 1		mg/Kg 1		mg/Kg 1		mg/Kg 1	
1,1,2-Trichloroethane	~	0.003	U	0.004	J	0.003	U	0.003	U	0.004	U	0.002	U
1,3,5-Trimethylbenzene	8.4	0.003	U	0.003	U	0.003	U	0.003	U	0.004	U	0.002	U
2-Butanone	0.12	0.02		0.01		0.004	J	0.003	U	0.004	U	0.002	U
Acetone	0.05	**0.2**		**0.1**		0.02		0.005	U	0.007	U	0.02	
Methyl acetate	~	0.005	J	0.003	U	0.003	U	0.003	U	0.004	U	0.002	U
Methylene chloride	0.05	0.006	U	0.005	U	0.006	U	0.005	U	0.007	U	0.005	U
tert-Butyl alcohol (TBA)	~	0.003	U	0.003	J	0.003	U	0.003	U	0.004	U	0.002	U
Tetrachloroethylene	1.3	**68**	D	**50**	D	0.04		0.13		0.03		0.17	
Trichloroethylene	0.47	0.03		0.003	J	0.003	U	0.003	U	0.004	U	0.002	U

Sample ID Sampling Interval Sampling Date Client Matrix	NYSDEC Part 375 UU SCOs	WC-PCE-Q4 3' 5/26/2021 Soil		WC-PCE-Q4 7' 5/26/2021 Soil		WC-PCE-Q4 12' 5/26/2021 Soil		WC-PCE-Q5 1' 5/27/2021 Soil		WC-PCE-Q6 2' 5/27/2021 Soil	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOCs **Dilution Factor**	mg/Kg	mg/Kg 1		mg/Kg 1		mg/Kg 1		mg/Kg 500		mg/Kg 1	
1,1,2-Trichloroethane	~	0.003	U	0.002	U	0.003	U	0.003	U	0.003	U
1,3,5-Trimethylbenzene	8.4	0.003	U	0.002	U	0.003	U	0.003	J	0.003	U
2-Butanone	0.12	0.003	U	0.002	U	0.003	U	0.003	U	0.003	U
Acetone	0.05	0.006	U	0.005	U	0.006	J	0.005	U	0.006	U
Methyl acetate	~	0.003	U	0.002	U	0.003	U	0.003	U	0.003	U
Methylene chloride	0.05	0.009	J	0.005	U	0.01	J	0.005	U	0.006	U
tert-Butyl alcohol (TBA)	~	0.003	U	0.002	U	0.003	U	0.003	U	0.003	U
Tetrachloroethylene	1.3	0.12		0.08		0.003	J	**27**	D	0.01	
Trichloroethylene	0.47	0.003	U	0.002	U	0.003	U	0.02		0.003	U

Sample ID Sampling Interval Sampling Date Client Matrix	NYSDEC Part 375 UU SCOs	WC-PCE-Q3 15'-30' 5/26/2021 Soil		WC-PCE-Q2 0'-5' 5/27/2021 Soil		WC-PCE-Q2&4 5'-10' 5/27/2021 Soil		WC-PCE-Q2&4 10'-15' 5/27/2021 Soil		WC-PCE-Q2-6 0'-5' 5/27/2021 Soil	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOCs, TCLP RCRA List **Dilution Factor**	mg/Kg	mg/L 10		mg/L 10		mg/L 10		mg/L 10		mg/L 10	
Tetrachloroethylene	1.3	0.03	U	0.03	JD	0.03	U	0.03	U	0.03	U

Sample ID Sampling Interval Sampling Date Client Matrix	NYSDEC Part 375 UU SCOs	WC-PCE-Q3 15'-30' 5/26/2021 Soil		WC-PCE-Q2 0'-5' 5/27/2021 Soil		WC-PCE-Q2&4 5'-10' 5/27/2021 Soil		WC-PCE-Q2&4 10'-15' 5/27/2021 Soil		WC-PCE-Q2-6 0'-5' 5/27/2021 Soil	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
NJDEP EPH (Cat. 2 Non-Fractionated) **Dilution Factor**		mg/kg 1		mg/kg 1		mg/kg 1		mg/kg 1		mg/kg 1	
Total EPH	~	54	U	53	U	51	U	53	U	262	

Sample ID		WC-PCE-Q3		WC-PCE-Q2		WC-PCE-Q2&4		WC-PCE-Q2&4		WC-PCE-Q2-6	
Sampling Interval	NYSDEC Part 375 UU SCOs	15'-30'		0'-5'		5'-10'		10'-15'		0'-5'	
Sampling Date		5/26/2021		5/27/2021		5/27/2021		5/27/2021		5/27/2021	
Client Matrix		Soil		Soil		Soil		Soil		Soil	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Metals	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor		1		1		1		1		1	
Aluminum	~	9,940		17,200	B	9,920	B	10,300	B	12,300	
Arsenic	13	1.7	U	5.7		2.3		1.6	U	5.8	
Barium	350	45		115		55		54		94	
Cadmium	2.5	0.8		0.5		0.3	U	0.3	U	0.3	U
Calcium	~	3,560	B	1,640	B	1,570	B	2,090	B	2,120	
Chromium	~	21.800		21		14.9		20		28	
Cobalt	~	8.7		7.7		6		7.8		6.9	
Copper	50	130		34		14.2		15.2		26	
Iron	~	14,300	B	17,400		12,700		13,700		19,300	
Lead	63	4.650		163		140		60		122	
Magnesium	~	4,550		2,360	B	2,050	B	2,990	B	3,000	
Manganese	1,600	345		441		360		375		346	
Potassium	~	6,380	B	2,460		2,170		4,410		1,120	B
Silver	2.000	0.6	U	0.5	U	0.5	U	0.5	U	**45**	
Sodium	~	337		158	B	124	B	208	B	105	
Vanadium	~	23		26		17.3		23		27	
Zinc	109	597		116		53		84		100	

Sample ID		WC-PCE-Q3		WC-PCE-Q2		WC-PCE-Q2&4		WC-PCE-Q2&4		WC-PCE-Q2-6	
Sampling Interval	NYSDEC Part 375 UU SCOs	15'-30'		0'-5'		5'-10'		10'-15'		0'-5'	
Sampling Date		5/26/2021		5/27/2021		5/27/2021		5/27/2021		5/27/2021	
Client Matrix		Soil		Soil		Soil		Soil		Soil	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Mercury	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor		1		1		1		1		1	
Mercury	0.18	0.03	U	**0.19**		0.13		0.05		**0.29**	

NOTES:

Any Regulatory Exceedances are highlighted in **yellow** and Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution, J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated, U=analyte not detected at or above the level indicated, B=analyte found in the analysis batch blank, E=result is estimated and cannot be accurately reported due to levels encountered or interferences, ~=this indicates that no regulatory limit has been established for this analyte

Table V: PCE Delineation Borings Samples vs UU SCOs (Detections Only)

Sample ID	NYSDEC Part 375 UU SCOs	HF-Q2 (4) E		HF-Q2 (4) E		HF-Q2 (4) N		HF-Q2 (4) N		HF-Q2 (4) S		HF-Q2 (4) W	
Sampling Interval		3'		7'		6'		10'		6'		3'	
Sampling Date		10/25/2022		10/25/2022		10/25/2022		10/25/2022		10/25/2022		10/25/2022	
Client Matrix		Soil		Soil		Soil		Soil		Soil		Soil	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOCs	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor		100		1		1		1		1		1	
Acetone	0.05	0.01	U	0.01	J	0.005	U	0.01	U	0.01	U	0.01	U
Methylene chloride	0.05	0.01	U	0.01	U	0.01	J	0.01	U	0.01	U	0.01	U
Tetrachloroethylene	1.3	**4.2**	D	0.01		0.02		0.01		0.04		0.04	
Trichloroethylene	0.47	0.003	U	0.003	U	0.002	U	0.003	U	0.003	U	0.003	U

Sample ID	NYSDEC Part 375 UU SCOs	HF-Q2 (4) W		HF-Q2 (4) S		HF-Q2 (4) W		HF-Q2 (4) N	
Sampling Interval		6'		4'		10'		5'	
Sampling Date		10/25/2022		10/25/2022		10/25/2022		10/25/2022	
Client Matrix		Soil		Soil		Soil		Soil	
Compound			Q	Result	Q	Result	Q	Result	Q
VOCs	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor		1		1		1		1	
Acetone	0.05	0.01	U	0.005	U	0.01	U	0.01	U
Methylene chloride	0.05	0.01	U	0.005	U	0.01	J	0.02	
Tetrachloroethylene	1.3	0.003	J	0.1		0.02		0.003	J
Trichloroethylene	0.47	0.003	U	0.002	U	0.003	U	0.003	U

Sample ID	NYSDEC Part 375 UU SCOs	PCE-Q2 W		PCE-Q2 W		PCE-Q2 S		PCE-Q2 N		PCE-Q2 E	
Sampling Interval		3'		5'		3'		3'		5'	
Sampling Date		10/25/2022		10/25/2022		10/25/2022		10/25/2022		10/25/2022	
Client Matrix		Soil		Soil		Soil		Soil		Soil	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOCs	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor		1		1		1		1		1	
Acetone	0.05	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U
Methylene chloride	0.05	0.01	U	0.01	U	0.01	U	0.01	J	0.02	
Tetrachloroethylene	1.3	0.01		**2.9**	E	0.1		0.04		0.01	
Trichloroethylene	0.47	0.003	U	0.01		0.003	U	0.003	U	0.003	U

Sample ID	NYSDEC Part 375 UU SCOs	PCE-Q2 WN		PCE-Q2 WS		PCE-Q2 WS		PCE-Q2 WW	
Sampling Interval		4'		2'		5'		3'	
Sampling Date		10/25/2022		10/25/2022		10/25/2022		10/25/2022	
Client Matrix		Soil		Soil		Soil		Soil	
Compound		Result	Q	Result	Q	Result	Q	Result	Q
VOCs	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor		1		100		1		100	
Acetone	0.05	0.01	U	0.01	U	0.01	J	0.01	U
Methylene chloride	0.05	0.01	J	0.01	J	0.01	U	0.01	J
Tetrachloroethylene	1.3	0.02		**11**	D	0.01		**33**	D
Trichloroethylene	0.47	0.003	U	0.003	U	0.003	U	0.004	J

NOTES:

Any Regulatory Exceedances are highlighted in **yellow** and Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution, J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated, U=analyte not detected at or above the level indicated, ~=this indicates that no regulatory limit has been established for this analyte

Table VI: Additional Waste Characterization Samples vs UU SCOs

Sample ID Sampling Interval Sampling Date Client Matrix	NYSDEC Part 375 UU SCOs	Grid 1 5-point Composite 0'-5' 11/11/2022 Soil	
Compound		Result	Q
SVOCs	mg/Kg	mg/Kg	
Dilution Factor		5	
2-Methylnaphthalene	~	0.1	JD
Acenaphthene	20	0.2	D
Acenaphthylene	100	0.3	D
Anthracene	100	0.5	D
Benzo(a)anthracene	1	**1.4**	D
Benzo(a)pyrene	1	**1.6**	D
Benzo(b)fluoranthene	1	**1.5**	D
Benzo(g,h,i)perylene	100	1	D
Benzo(k)fluoranthene	0.8	**1.4**	D
Carbazole	~	0.2	D
Chrysene	1	**1.5**	D
Dibenzo(a,h)anthracene	0.33	**0.3**	D
Dibenzofuran	7	0.2	D
Fluoranthene	100	3.6	D
Fluorene	30	0.2	D
Indeno(1,2,3-cd)pyrene	0.5	**0.9**	D
Naphthalene	12	0.2	D
Phenanthrene	100	2.3	D
Pyrene	100	2.8	D

NOTES:

Any Regulatory Exceedances are highlighted in **yellow** and Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution, J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated, ~=this indicates that no regulatory limit has been established for this analyte

Table VII: Additional Waste Characterization Samples vs UU SCOs

Project Id : 27-09 40TH AVE		Lab Sample Id	CM98531				CM98533			
		Collection Date	12/6/2022				12/6/2022			
		Client Id	B-1 EP				B-1 NE 5			
		Sampling Interval	2'				0'-2'			
		Matrix	Soil				Soil			
	Units	NYSDEC Part 375 UUSCOs	Result	RL	Qual	MDL	Result	RL	Qual	MDL
VOCs										
Benzo(a) pyrene	ug/kg	1,000	940	260		120	**1,400**	260		120
Metals										
Lead	mg/Kg	63	**1,120**	7.1		3.5	**188**	7.2		3.6

Project Id : 27-09 40TH AVE		Lab Sample Id	CM98535				CM98537			
		Collection Date	12/6/2022				12/6/2022			
		Client Id	B-1 S 5				B-1 W 5			
		Sampling Interval	0'-2'				0'-2'			
		Matrix	Soil				Soil			
	Units	NYSDEC Part 375 UUSCOs	Result	RL	Qual	MDL	Result	RL	Qual	MDL
VOCs										
Benzo(a) pyrene	ug/kg	1,000	**1,900**	270		130	**6,300**	260		120
Metals										
Lead	mg/Kg	63	**404**	8.3		4.1	**414**	7.6		3.8

Project Id : 27-09 40TH AVE		Lab Sample Id	CM98539				CM98541			
		Collection Date	12/6/2022				12/6/2022			
		Client Id	B-3 EP				B-3 NE 5			
		Sampling Interval	2'				0'-2'			
		Matrix	Soil				Soil			
	Units	NYSDEC Part 375 UUSCOs	Result	RL	Qual	MDL	Result	RL	Qual	MDL
VOCs										
Benzo(a) pyrene	ug/kg	1,000	< 200	200	U	110	430	250		120

Project Id : 27-09 40TH AVE		Lab Sample Id	CM98543				CM98545			
		Collection Date	12/6/2022				12/6/2022			
		Client Id	B-3 S 5				B-3 W 5			
		Sampling Interval	0'-2'				0'-2'			
		Matrix	Soil				Soil			
	Units	NYSDEC Part 375 UUSCOs	Result	RL	Qual	MDL	Result	RL	Qual	MDL
VOCs										
Benzo(a) pyrene	ug/kg	1,000	200	200		110	330	250		110

Project Id : 27-09 40TH AVE		Lab Sample Id	CM98547				CM98549			
		Collection Date	12/6/2022				12/6/2022			
		Client Id	B-4 EP				B-4 NE 5			
		Sampling Interval	2'				0'-2'			
		Matrix	Soil				Soil			
	Units	NYSDEC Part 375 UUSCOs	Result	RL	Qual	MDL	Result	RL	Qual	MDL
VOCs										
Benzo(a) pyrene	ug/kg	1,000	370	270		130	570	260		120

Project Id : 27-09 40TH AVE		Lab Sample Id	CM98551				CM98553			
		Collection Date	12/6/2022				12/6/2022			
		Client Id	B-4 S 5				B-4 W 5			
		Sampling Interval	0'-2'				0'-2'			
		Matrix	Soil				Soil			
	Units	NYSDEC Part 375 UUSCOs	Result	RL	Qual	MDL	Result	RL	Qual	MDL
VOCs										
Benzo(a) pyrene	ug/kg	1,000	**1,500**	280		130	**1,600**	270		120

Project Id : 27-09 40TH AVE		Lab Sample Id	CM98563				CM98565			
		Collection Date	12/6/2022				12/6/2022			
		Client Id	SB-106 EP				SB-106 EP			
		Sampling Interval	5'				7'			
		Matrix	Soil				Soil			
	Units	NYSDEC Part 375 UUSCOs	Result	RL	Qual	MDL	Result	RL	Qual	MDL
VOCs										
Benzo(a) pyrene	ug/kg	1,000	< 200	200	U	110	< 200	200	U	110

Project Id : 27-09 40TH AVE		Lab Sample Id	CM98567				CM98569			
		Collection Date	12/6/2022				12/6/2022			
		Client Id	SB-106 NE 5				SB-106 W 5			
		Sampling Interval	5'-7'				5'-7'			
		Matrix	Soil				Soil			
	Units	NYSDEC Part 375 UUSCOs	Result	RL	Qual	MDL	Result	RL	Qual	MDL
VOCs										
Benzo(a) pyrene	ug/kg	1,000	< 200	200	U	110	< 200	200	U	120

Project Id : 27-09 40TH AVE		Lab Sample Id	CM98572			
		Collection Date	12/6/2022			
		Client Id	SB-106 S 10			
		Sampling Interval	5'-7'			
		Matrix	Soil			
	Units	NYSDEC Part 375 UUSCOs	Result	RL	Qual	MDL
VOCs						
Benzo(a) pyrene	ug/kg	1,000	< 200	200	U	120

Project Id : 27-09 40TH AVE		Lab Sample Id	CM98555				CM98557			
		Collection Date	12/6/2022				12/6/2022			
		Client Id	B-B EP				B-B NE 5			
		Sampling Interval	2'				0'-2'			
		Matrix	Soil				Soil			
	Units	NYSDEC Part 375 UUSCOs	Result	RL	Qual	MDL	Result	RL	Qual	MDL
SVOCs										
2-Methylnaphthalene	ug/Kg		< 380	380	U	110	< 390	390	U	120
Acenaphthene	ug/Kg	20,000	< 380	380	U	120	210	390	J	120
Acenaphthylene	ug/Kg	100,000	< 380	380	U	110	< 390	390	U	110
Anthracene	ug/Kg	100,000	< 380	380	U	130	530	390		130
Benz(a)anthracene	ug/Kg	1,000	420	380		130	**1,400**	390		130
Benzo(a)pyrene	ug/Kg	1,000	490	380		120	**1,600**	390		130
Benzo(b)fluoranthene	ug/Kg	1,000	540	380		130	**1,800**	390		130
Benzo(ghi)perylene	ug/Kg	100,000	290	380	J	120	890	390		130
Benzo(k)fluoranthene	ug/Kg	800	190	380	J	130	590	390		130
Chrysene	ug/Kg	1,000	390	380		130	**1,300**	390		130
Dibenzo(a,h)anthracene	ug/Kg	330	< 330	330	U	120	220	330	J	130
Fluoranthene	ug/Kg	100,000	760	380		120	3,000	390		130
Fluorene	ug/Kg	30,000	< 380	380	U	130	180	390	J	130
Indeno(1,2,3-cd)pyrene	ug/Kg	500	320	380	J	130	**1,000**	390		130
Naphthalene	ug/Kg	12,000	< 380	380	U	110	< 390	390	U	110
Phenanthrene	ug/Kg	100,000	480	380		110	2,600	390		110
Pyrene	ug/Kg	100,000	720	380		130	2,700	390		130

Project Id : 27-09 40TH AVE		Lab Sample Id	CM98559				CM98561			
		Collection Date	12/6/2022				12/6/2022			
		Client Id	B-B S 5				B-B W 5			
		Sampling Interval	0'-2'				0'-2'			
		Matrix	Soil				Soil			
	Units	NYSDEC Part 375 UUSCOs	Result	RL	Qual	MDL	Result	RL	Qual	MDL
SVOCs										
2-Methylnaphthalene	ug/Kg		< 380	380	U	110	< 380	380	U	110
Acenaphthene	ug/Kg	20,000	< 380	380	U	120	140	380	J	110
Acenaphthylene	ug/Kg	100,000	< 380	380	U	110	110	380	J	110
Anthracene	ug/Kg	100,000	160	380	J	120	340	380	J	120
Benz(a)anthracene	ug/Kg	1,000	640	380		130	**1,300**	380		130
Benzo(a)pyrene	ug/Kg	1,000	730	380		120	**1,500**	380		120
Benzo(b)fluoranthene	ug/Kg	1,000	840	380		130	**2,000**	380		130
Benzo(ghi)perylene	ug/Kg	100,000	410	380		120	1,000	380		120
Benzo(k)fluoranthene	ug/Kg	800	280	380	J	130	610	380		120
Chrysene	ug/Kg	1,000	620	380		130	**1,300**	380		130
Dibenzo(a,h)anthracene	ug/Kg	330	< 330	330	U	120	250	330	J	120
Fluoranthene	ug/Kg	100,000	1,200	380		120	2,600	380		120
Fluorene	ug/Kg	30,000	< 380	380	U	130	< 380	380	U	120
Indeno(1,2,3-cd)pyrene	ug/Kg	500	480	380		130	**1,200**	380		120
Naphthalene	ug/Kg	12,000	< 380	380	U	110	< 380	380	U	110
Phenanthrene	ug/Kg	100,000	790	380		110	1,700	380		110
Pyrene	ug/Kg	100,000	1,100	380		130	2,400	380		130

Notes: Exceedances highlighted **yellow**, Qualifiers:

U - The compound was analyzed for but not detected at or above the MDL. The number immediately preceding the "U" represents the PQL reporting level corrected for percent solids, weight and/or volume calculations, and dilution factors.

J - The value is estimated. This flag is used a) on form 1 when the compound is reported above the MDL, but below the PQL, and b) on the Tentatively Identified Compounds (TIC) form for all compounds identified.

N - The concentration is based on the response to the nearest internal. This flag is used on the TIC form for all compounds identified.

S - This compound is a solvent that is used in the laboratory. Laboratory contamination is suspected if concentration is less than five times the reporting level

D - The reported concentration is the result of a diluted analysis

Q - For TICS, this compound was quantitated using a calibration curve.

Table VIII: Additional Waste Characterization Samples vs UU SCOs

Sample Name		Stockpile 1		Stockpile 2	
Sampling Interval		0'		0'	
Sampling Date		12/12/2022		12/12/2022	
Parameter	NYSDEC Part 375 UU SCOs	Value	Qual	Value	Qual
ASTM D93 - IP 34 (°F)					
Flashpoint	NA	>140		>140	
EPA 8015 D DRO (mg/kg dry)					
Diesel Range Organics (C10-C28)	NA	<103		<105	
EPA 8015 D GRO (mg/kg dry)					
Gasoline Range Organics(C6-C10)	NA	<25.8		<26.3	
EPA 8082 A (ug/kg dry)					
Aroclor-1016	11.1	<51.7		<52.7	
Aroclor-1221	11.1	<51.7		<52.7	
Aroclor-1232	11.1	<51.7		<52.7	
Aroclor-1242	11.1	<51.7		<52.7	
Aroclor-1248	11.1	<51.7		<52.7	
Aroclor-1254	11.1	<51.7		<52.7	
Aroclor-1260	11.1	<51.7		<52.7	
Aroclor-1262	11.1	<51.7		<52.7	
Aroclor-1268	11.1	<51.7		<52.7	
EPA 9045D (units)					
Corrosivity (pH)	NA	7.3	1.C	8.1	1.C
Temperature @ pH in C	NA	19.7	1.C	19.6	1.C
SW-846 Ch7 Sec. 7.3 (mg/kg dry)					
Reactive Cyanide	NA	<5.17		<5.27	
Reactive Sulfide	NA	<2.07		<2.11	

Sample Name		Grid 5		Grid 4/5	
Sampling Interval		10'		3'	
Sampling Date		12/12/2022		12/12/2022	
Parameter	NYSDEC Part 375 UU SCOs	Value	Qual	Value	Qual
VOCs (ug/kg)					
1,1,1,2-Tetrachloroethane	NA	<5.23		<4.80	
1,1,1-Trichloroethane	680	<5.23		<4.80	
1,1,2,2-Tetrachloroethane	NA	<5.23		<4.80	
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	<5.23		<4.80	
1,1,2-Trichloroethane	NA	<5.23		<4.80	
1,1-Dichloroethane	270	<5.23		<4.80	
1,1-Dichloroethene	330	<5.23		<4.80	
1,1-Dichloropropene	NA	<5.23		<4.80	
1,2,3-Trichlorobenzene	NA	<5.23		<4.80	
1,2,3-Trichloropropane	NA	<5.23		<4.80	
1,2,4,5-Tetramethylbenzene	NA	<5.23	2.B	<4.80	2.B
1,2,4-Trichlorobenzene	NA	<5.23		<4.80	
1,2,4-Trimethylbenzene	3600	<5.23		<4.80	
1,2-Dibromo-3-chloropropane	NA	<5.23		<4.80	
1,2-Dibromoethane	NA	<5.23		<4.80	
1,2-Dichlorobenzene	1100	<5.23		<4.80	
1,2-Dichloroethane	20	<5.23		<4.80	
1,2-Dichloropropane	NA	<5.23		<4.80	
1,3,5-Trimethylbenzene	8400	<5.23		<4.80	
1,3-Dichlorobenzene	2400	<5.23		<4.80	
1,3-Dichloropropane	NA	<5.23		<4.80	
1,4-Dichlorobenzene	1800	<5.23		<4.80	
1,4-Diethylbenzene	NA	<5.23	2.B	<4.80	2.B
1,4-Dioxane	100	<26.2		<24.0	
2,2-Dichloropropane	NA	<5.23		<4.80	
2-Chloroethyl Vinyl Ether	NA	<5.23		<4.80	
2-Chlorotoluene	NA	<5.23		<4.80	
4-Chlorotoluene	NA	<5.23		<4.80	
4-Ethyltoluene	NA	<5.23	2.B	<4.80	2.B
4-Isopropyltoluene	NA	<5.23		<4.80	
4-Methyl-2-Pentanone	NA	<10.5		<9.60	
Acetone	50	<20.9	4.S	<19.2	4.S
Acrolein	NA	<10.5	4.R	<9.60	4.R
Acrylonitrile	NA	<10.5	4.J	<9.60	4.J
Benzene	60	<5.23		<4.80	
Bromobenzene	NA	<5.23		<4.80	
Bromochloromethane	NA	<5.23		<4.80	
Bromodichloromethane	NA	<5.23		<4.80	
Bromoform	NA	<5.23		<4.80	
Bromomethane	NA	<5.23		<4.80	
Carbon disulfide	NA	<5.23		<4.80	
Carbon Tetrachloride	760	<5.23		<4.80	
Chlorobenzene	1100	<5.23		<4.80	
Chlorodifluoromethane	NA	<5.23	2.B, 4.J	<4.80	2.B, 4.J
Chloroethane	NA	<5.23		<4.80	
Chloroform	370	<5.23		<4.80	
Chloromethane	NA	<5.23		<4.80	
cis-1,2-Dichloroethene	250	<5.23		<4.80	
cis-1,3-Dichloropropene	NA	<10.5		<9.60	
Dibromochloromethane	NA	<5.23		<4.80	
Dibromomethane	NA	<5.23		<4.80	
Dichlorodifluoromethane	NA	<5.23		<4.80	
Ethylbenzene	1000	<5.23		<4.80	
Hexachlorobutadiene	NA	<5.23	4.K, 4.M	<4.80	4.K, 4.M
Isopropylbenzene (Cumene)	NA	<5.23		<4.80	
m,p-Xylenes	174	<10.5		<9.60	
Methyl Acetate	NA	<5.23	4.J	<4.80	4.J
Methyl Butyl Ketone (2-Hexanone)	NA	<10.5		<9.60	
Methyl Ethyl Ketone (2-Butanone)	120	<10.5	4.S	<9.60	4.S
Methylene Chloride	50	<5.23	4.J	<4.80	4.J
Methyl-tert-Butyl Ether	930	<5.23		<4.80	
Naphthalene	12000	<10.5		<9.60	
n-Butylbenzene	12000	<5.23		<4.80	
n-Propylbenzene	3900	<5.23		<4.80	
o-Xylene	87	<5.23		<4.80	
sec-Butylbenzene	11000	<5.23		<4.80	
Styrene	NA	<5.23		<4.80	
tert-Butyl alcohol	NA	<10.5	4.J	<9.60	4.J
tert-Butylbenzene	5900	<5.23	4.K, 4.M	<4.80	4.K, 4.M
Tetrachloroethene	1300	47	4.M	972	4.A, 4.M
Toluene	700	<5.23		<4.80	
trans-1,2-Dichloroethene	190	<5.23		<4.80	
trans-1,3-Dichloropropene	NA	<5.23		<4.80	
Trichloroethene	470	<5.23	4.M	<4.80	4.M
Trichlorofluoromethane	NA	<5.23		<4.80	
Vinyl Acetate	NA	<5.23	4.K, 4.M, 4.R	<4.80	4.K, 4.M, 4.R
Vinyl chloride	20	<5.23		<4.80	

Notes: Exceedances highlighted **yellow,** Qualifiers:

1.C Holding time exceeded, analyze immediate parameter, 2.B Parameter not certifiable by NELAP, 4.A Estimated concentration, exceeds calibration range, 4.J Continuing Calibration Verification (CCV) quality control levels failed low, values are considered to be estimated, 4.K Continuing Calibration Verification (CCV) quality control levels failed high, values are considered to be estimated, 4.M LCS recovery was above QC acceptance limit, 4.R Initial Calibration Verification (ICV) quality control levels low, values are considered to be estimated, 4.S Initial Calibration Verification (ICV) quality control levels high, values are considered to be estimated.

Table IX: Quadrant 2 Hotspot Endpoint Samples vs UU SCOs (Detections Only)

Sample ID Sampling Interval Sampling Date Client Matrix	NYSDEC Part 375 UU SCOs	HF Q2 North EP 5' 12/13/2022 Soil		HF Q2 East EP 5' 12/13/2022 Soil		HF Q2 South EP 5' 12/13/2022 Soil		HF Q2 West EP 5' 12/13/2022 Soil		HF Q2 Bottom EP 10' 12/13/2022 Soil	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOCs	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor		1		1		1		1		1	
Acetone	0.05	0.01	J	0.01		**0.06**		0.01	J	0.01	
Methylene chloride	0.05	0.01	JB	0.01	U	0.005	U	0.01	JB	0.01	JB
Tetrachloroethylene	1.3	0.005	U	0.03		0.03		0.02		0.01	

Sample ID Sampling Interval Sampling Date Client Matrix	NYSDEC Part 375 UU SCOs	PCE-Q2 EP SW-W 4' 12/23/2022 Soil		PCE-Q2 EP B2 8' 12/23/2022 Soil		PCE-Q2 EP B1 8' 12/23/2022 Soil		PCE-Q2 EP SW-N1 4' 12/23/2022 Soil		PCE-Q2 EP SW-N2 4' 12/23/2022 Soil		PCE-Q2 EP SW-S 4' 12/23/2022 Soil	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOCs	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor		1		1		1		1		1		1	
Acetone	0.05	0.02		0.005	U	0.01	U	**0.11**		**0.07**		0.01	U
Tetrachloroethylene	1.3	0.003	U	0.002	J	0.01		0.003	U	0.005	J	0.003	U

NOTES:

Any Regulatory Exceedances are highlighted in **yellow** and Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution, J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated, U=analyte not detected at or above the level indicated, B=analyte found in the analysis batch blank, E=result is estimated and cannot be accurately reported due to levels encountered or interferences, ~=this indicates that no regulatory limit has been established for this analyte

Table X: Quadrant 3 Hotspot Endpoint Samples vs UU SCOs (Detections Only)

Sample ID Sampling Interval Sampling Date Client Matrix	NYSDEC Part 375 UU SCOs	SB-102 EP SW N1 8' 1/10/2023 Soil		SB-102 EP SW N2 8' 1/10/2023 Soil		SB-102 EP SW E1 8' 1/10/2023 Soil		SB-102 EP SW E2 8' 1/10/2023 Soil		SB-102 EP SW S 8' 1/10/2023 Soil		SB-102 EP SW W 8' 1/10/2023 Soil	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOCs	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor		1		1		1		1		1		1	
1,3,5-Trimethylbenzene	8.4	0.003	U	0.003	J	0.003	U	0.003	U	0.003	U	0.003	U
Tetrachloroethylene	1.3	0.01		0.1		0.003	J	0.005	J	0.009		0.01	
Toluene	0.7	0.003	U	0.002	U	0.003	U	0.005	J	0.003	U	0.003	U

Sample ID Sampling Interval Sampling Date Client Matrix	NYSDEC Part 375 UU SCOs	Q3-EP 2 27' 3/6/2023 Soil		Q3-EP 3 27' 3/6/2023 Soil	
Compound		Result	Q	Result	Q
Tetrachloroethylene	1.3	0.003	U	0.003	U

Sample ID Sampling Interval Sampling Date Client Matrix	NYSDEC Part 375 UU SCOs	SB-102-EP-B-1 27' 3/6/2023 Soil	
Compound		Result	Q
VOCs	mg/Kg	mg/Kg	
Dilution Factor		1	
1,1,1,2-Tetrachloroethane	~	0.003	U
1,1,1-Trichloroethane	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	0.27	0.003	U
1,1-Dichloroethylene	0.33	0.003	U
1,1-Dichloropropylene	~	0.003	U
1,2,3-Trichlorobenzene	~	0.003	U
1,2,3-Trichloropropane	~	0.003	U
1,2,4,5-Tetramethylbenzene	~	0.003	U
1,2,4-Trichlorobenzene	~	0.003	U
1,2,4-Trimethylbenzene	3.6	0.003	U
1,2-Dibromo-3-chloropropane	~	0.003	U
1,2-Dibromoethane	~	0.003	U
1,2-Dichlorobenzene	1.1	0.003	U
1,2-Dichloroethane	0.02	0.003	U
1,2-Dichloropropane	~	0.003	U
1,3,5-Trimethylbenzene	8.4	0.003	U
1,3-Dichlorobenzene	2.4	0.003	U
1,3-Dichloropropane	~	0.003	U
1,4-Dichlorobenzene	1.8	0.003	U
1,4-Dioxane	0.1	0.05	U
2,2-Dichloropropane	~	0.003	U
2-Butanone	0.12	0.003	U
2-Chloroethylvinyl ether	~	0.01	U
2-Chlorotoluene	~	0.003	U
2-Hexanone	~	0.003	U
4-Chlorotoluene	~	0.003	U
4-Methyl-2-pentanone	~	0.003	U
Acetone	0.05	0.02	
Acrolein	~	0.01	U
Acrylonitrile	~	0.003	U
Benzene	0.06	0.003	U
Bromobenzene	~	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	0.76	0.003	U
Chlorobenzene	1.1	0.003	U
Chloroethane	~	0.003	U
Chloroform	0.37	0.003	U
Chloromethane	~	0.003	U
cis-1,2-Dichloroethylene	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
Diisopropyl ether (DIPE)	~	0.004	U
Ethanol	~	0.04	U
Ethyl Benzene	1	0.003	U
Ethyl tert-butyl ether (ETBE)	~	0.004	U
Hexachlorobutadiene	~	0.003	U
Iodomethane	~	0.003	U

Isopropylbenzene	~	0.003	U
Methyl acetate	~	0.005	
Methyl Methacrylate	~	0.003	U
Methyl tert-butyl ether (MTBE)	0.93	0.003	U
Methylcyclohexane	~	0.003	U
Methylene chloride	0.05	0.005	U
Naphthalene	12	0.003	U
n-Butylbenzene	12	0.003	U
n-Propylbenzene	3.9	0.003	U
o-Xylene	~	0.003	U
p- & m- Xylenes	~	0.005	U
p-Diethylbenzene	~	0.003	U
p-Ethyltoluene	~	0.003	U
p-Isopropyltoluene	~	0.003	U
sec-Butylbenzene	11	0.003	U
Styrene	~	0.003	U
tert-Amyl alcohol (TAA)	~	0.04	U
tert-Amyl methyl ether (TAME)	~	0.004	U
tert-Butyl alcohol (TBA)	~	0.003	U
tert-Butylbenzene	5.9	0.003	U
Tetrachloroethylene	1.3	0.003	U
Tetrahydrofuran	~	0.005	U
Toluene	0.7	0.003	U
trans-1,2-Dichloroethylene	0.19	0.003	U
trans-1,3-Dichloropropylene	~	0.003	U
trans-1,4-dichloro-2-butene	~	0.003	U
Trichloroethylene	0.47	0.003	U
Trichlorofluoromethane	~	0.003	U
Vinyl acetate	~	0.003	U
Vinyl Chloride	0.02	0.003	U
Xylenes, Total	0.26	0.01	U

NOTES:

Any Regulatory Exceedances are highlighted in **yellow** and Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution, J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated, U=analyte not detected at or above the level indicated, B=analyte found in the analysis batch blank, E=result is estimated and cannot be accurately reported due to levels encountered or interferences, ~=this indicates that no regulatory limit has been established for this analyte

Table XI: Quadrant 5 Hotspot Excavation Samples vs UU SCOs (Detections Only)

Sample ID Sampling Interval Sampling Date Client Matrix	NYSDEC Part 375 UU SCOs	PCE-Q5 EP North 1' 11/29/2022 Soil		PCE-Q5 EP West 5' 11/28/2022 Soil		PCE-Q5 EP Bottom 9' 11/28/2022 Soil		PCE-Q5 EP South 5' 11/28/2022 Soil		PCE-Q5 EP East 1 11/29/2022 Soil	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOCs	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor		500		1		1		1		1	
Acetone	0.05	0.01	U	0.004	U	0.005	J	0.01	U	0.01	J
Tetrachloroethylene	1.3	**46**	D	0.005		0.2		0.003	U	0.1	

NOTES:

Any Regulatory Exceedances are highlighted in **yellow** and Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution, J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated, U=analyte not detected at or above the level indicated, B=analyte found in the analysis batch blank, E=result is estimated and cannot be accurately reported due to levels encountered or interferences, ~=this indicates that no regulatory limit has been established for this analyte

Table XII: Quadrant 1 Verification Samples vs UU SCOs (Detections Only)

Sample ID	NYSDEC Part 375 UU SCOs	CS-1		CS-2		CS-3		CS-4		CS-5		CS-6	
Sampling Interval		10'-15'		10'-15'		10'-15'		10'-15'		10'-15'		10'-15'	
Sampling Date		12/19/2022		12/19/2022		12/19/2022		12/19/2022		12/19/2022		12/19/2022	
Client Matrix		Soil		Soil		Soil		Soil		Soil		Soil	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOCs	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor		1		1		1		1		1		1	
Acetone	0.05	0.005	U	0.005	U	0.006	U	0.005	U	0.005	U	0.006	U
Methylene chloride	0.05	0.005	U	0.005	U	0.006	U	0.005	U	0.005	U	0.007	J
Tetrachloroethylene	1.3	0.005		0.009		0.03		0.02		0.01		0.003	U

Sample ID	NYSDEC Part 375 UU SCOs	SP5-3		SP5-4	
Sampling Interval		10'-15'		10'-15'	
Sampling Date		12/19/2022		12/19/2022	
Client Matrix		Soil		Soil	
Compound		Result	Q	Result	Q
SVOCs	mg/Kg	mg/Kg		mg/Kg	
Dilution Factor		2		2	
Anthracene	100	0.04	U	0.04	U
Benzo(a)anthracene	1	0.04	U	0.04	U
Benzo(a)pyrene	1	0.04	U	0.04	U
Benzo(b)fluoranthene	1	0.04	U	0.04	U
Benzo(g,h,i)perylene	100	0.04	U	0.04	U
Benzo(k)fluoranthene	0.8	0.04	U	0.04	U
Chrysene	1	0.04	U	0.04	U
Dibenzo(a,h)anthracene	0.33	0.04	U	0.04	U
Fluoranthene	100	0.04	U	0.04	U
Indeno(1,2,3-cd)pyrene	0.5	0.04	U	0.04	U
Phenanthrene	100	0.04	U	0.04	U
Pyrene	100	0.04	U	0.04	U

Sample ID	NYSDEC Part 375 UU SCOs	SP5-3		SP5-4	
Sampling Interval		10'-15'		10'-15'	
Sampling Date		12/19/2022		12/19/2022	
Client Matrix		Soil		Soil	
Compound		Result	Q	Result	Q
Pesticides	mg/Kg	mg/Kg		mg/Kg	
Dilution Factor		5		5	
alpha-Chlordane	0.094	0.002	U	0.002	U
Dieldrin	0.005	0.002	U	0.002	U

Sample ID	NYSDEC Part 375 UU SCOs	SP5-3		SP5-4	
Sampling Interval		10'-15'		10'-15'	
Sampling Date		12/19/2022		12/19/2022	
Client Matrix		Soil		Soil	
Compound		Result	Q	Result	Q
Metals	mg/Kg	mg/Kg		mg/Kg	
Dilution Factor		1		1	
Barium	350	32		43	
Beryllium	7.2	0.3		0.4	
Chromium	~	11.4		13.5	
Copper	50	10.6		13.6	
Lead	63	6.2		9.2	
Manganese	1600	273		399	
Nickel	30	10		12	
Zinc	109	19.5		27	

Sample ID Sampling Interval Sampling Date Client Matrix	NYSDEC Part 375 UU SCOs	Grid 1 CS-1 10'-15' 1/4/2023 Soil	
Compound		Result	Q
PFAS		mg/kg	
Dilution Factor		1	
11CL-PF3OUdS	~	0.001	U
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	~	0.001	U
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	~	0.001	U
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	~	0.001	U
3-Perfluoroheptyl propanoic acid (FHpPA)	~	0.01	U
3-Perfluoropentyl propanoic acid (FPePA)	~	0.01	U
3-Perfluoropropyl propanoic acid (FPrPA)	~	0.001	U
9CL-PF3ONS	~	0.001	U
ADONA	~	0.001	U
HFPO-DA (Gen-X)	~	0.001	U
N-EtFOSA	~	0.0002	U
N-EtFOSAA	~	0.0002	U
N-EtFOSE	~	0.002	U
N-MeFOSA	~	0.0002	U
N-MeFOSAA	~	0.0002	U
N-MeFOSE	~	0.002	U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	~	0.0004	U
Perfluoro-1-decanesulfonic acid (PFDS)	~	0.0002	U
Perfluoro-1-heptanesulfonic acid (PFHpS)	~	0.0002	U
Perfluoro-1-nonanesulfonic acid (PFNS)	~	0.0002	U
Perfluoro-1-octanesulfonamide (FOSA)	~	0.0002	U
Perfluoro-1-pentanesulfonate (PFPeS)	~	0.0002	U
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	~	0.0004	U
Perfluoro-4-oxapentanoic acid (PFMPA)	~	0.0004	U
Perfluoro-5-oxahexanoic acid (PFMBA)	~	0.0004	U
Perfluorobutanesulfonic acid (PFBS)	~	0.0002	U
Perfluorodecanoic acid (PFDA)	~	0.0002	U
Perfluorododecanesulfonic acid (PFDoS)	~	0.0002	U
Perfluorododecanoic acid (PFDoA)	~	0.0002	U
Perfluoroheptanoic acid (PFHpA)	~	0.0002	U
Perfluorohexanesulfonic acid (PFHxS)	~	0.0002	U
Perfluorohexanoic acid (PFHxA)	~	0.0002	U
Perfluoro-n-butanoic acid (PFBA)	~	0.001	U
Perfluorononanoic acid (PFNA)	~	0.0002	U
Perfluorooctanesulfonic acid (PFOS)	~	0.0002	U
Perfluorooctanoic acid (PFOA)	~	0.0002	U
Perfluoropentanoic acid (PFPeA)	~	0.0004	U
Perfluorotetradecanoic acid (PFTA)	~	0.0002	U
Perfluorotridecanoic acid (PFTrDA)	~	0.0002	U
Perfluoroundecanoic acid (PFUnA)	~	0.0002	U

NOTES:

Any Regulatory Exceedances are highlighted in **yellow** and Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution, J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated, U=analyte not detected at or above the level indicated, B=analyte found in the analysis batch blank, E=result is estimated and cannot be accurately reported due to levels encountered or interferences, ~=this indicates that no regulatory limit has been established for this analyte

Table XIII: Quadrant 2 Verification Samples vs UU SCOs

Sample ID	NYSDEC Part 375 UU SCOs	Grid 2 CS-1		Grid 2 CS-2		Grid 2 CS-3		Grid 2 CS-4		Grid 2 CS-5		Grid 2 CS-6	
Sampling Interval		10'-15'		10'-15'		10'-15'		10'-15'		10'-15'		10'-15'	
Sampling Date		1/4/2023		1/4/2023		1/4/2023		1/4/2023		1/4/2023		1/4/2023	
Client Matrix		Soil		Soil		Soil		Soil		Soil		Soil	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOCs	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-Trichloroethane	0.68	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
1,1-Dichloroethane	0.27	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
1,1-Dichloroethylene	0.33	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
1,2,4-Trimethylbenzene	3.6	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
1,2-Dichlorobenzene	1.1	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
1,2-Dichloroethane	0.02	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
1,3,5-Trimethylbenzene	8.4	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
1,3-Dichlorobenzene	2.4	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
1,4-Dichlorobenzene	1.8	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
1,4-Dioxane	0.1	0.06	U	0.07	U	0.07	U	0.06	U	0.06	U	0.05	U
2-Butanone	0.12	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
Acetone	0.05	**0.083**		0.007	U	**0.069**		0.01		**0.066**		**0.2**	
Benzene	0.06	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
Carbon tetrachloride	0.76	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
Chlorobenzene	1.1	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
Chloroform	0.37	0.003	U	0.003	U	0.005	J	0.003	U	0.003	U	0.003	U
cis-1,2-Dichloroethylene	0.25	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
Ethyl Benzene	1	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
Methyl tert-butyl ether (MTBE)	0.93	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
Methylene chloride	0.05	0.006	U	0.007	U	0.007	U	0.006	U	0.006	U	0.005	U
Naphthalene	12	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
n-Butylbenzene	12	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
n-Propylbenzene	3.9	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
o-Xylene	~	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
p- & m- Xylenes	~	0.006	U	0.007	U	0.007	U	0.006	U	0.006	U	0.005	U
sec-Butylbenzene	11	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
tert-Butylbenzene	5.9	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
Tetrachloroethylene	1.3	0.02		0.03		0.004	J	0.01		0.01		0.02	
Toluene	0.7	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
trans-1,2-Dichloroethylene	0.19	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
Trichloroethylene	0.47	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
Vinyl Chloride	0.02	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
Xylenes, Total	0.26	0.009	U	0.01	U	0.01	U	0.009	U	0.009	U	0.008	U

Sample ID	NYSDEC Part 375 UU SCOs	Grid 2 CS-1		Grid 2 CS-2	
Sampling Interval		10'-15'		10'-15'	
Sampling Date		1/4/2023		1/4/2023	
Client Matrix		Soil		Soil	
Compound		Result	Q	Result	Q
SVOCs	mg/Kg	mg/Kg		mg/Kg	
Dilution Factor		2		2	
2-Methylphenol	0.33	0.05	U	0.05	U
3- & 4-Methylphenols	0.33	0.05	U	0.05	U
Acenaphthene	20	0.05	U	0.07	JD
Acenaphthylene	100	0.05	U	0.05	U
Anthracene	100	0.05	U	0.2	D
Benzo(a)anthracene	1	0.05	JD	0.2	D
Benzo(a)pyrene	1	0.05	JD	0.2	D
Benzo(b)fluoranthene	1	0.05	U	0.2	D
Benzo(g,h,i)perylene	100	0.05	U	0.1	D
Benzo(k)fluoranthene	0.8	0.05	U	0.2	D
Chrysene	1	0.05	U	0.3	D
Dibenzo(a,h)anthracene	0.33	0.05	U	0.05	JD
Dibenzofuran	7	0.05	U	0.05	U
Fluoranthene	100	0.09	JD	0.6	D
Fluorene	30	0.05	U	0.07	JD
Hexachlorobenzene	0.33	0.05	U	0.05	U
Indeno(1,2,3-cd)pyrene	0.5	0.05	U	0.1	D
Naphthalene	12	0.05	U	0.05	U
Pentachlorophenol	0.8	0.05	U	0.05	U
Phenanthrene	100	0.05	U	0.7	D
Phenol	0.33	0.05	U	0.05	U
Pyrene	100	0.06	JD	0.6	D

Sample ID	NYSDEC Part 375 UU SCOs	Grid 2 CS-1		Grid 2 CS-2	
Sampling Interval		10’-15’		10’-15’	
Sampling Date		1/4/2023		1/4/2023	
Client Matrix		Soil		Soil	
Compound		Result	Q	Result	Q
Pesticides	mg/Kg	mg/Kg		mg/Kg	
Dilution Factor		5		5	
4,4'-DDD	0.0033	0.002	U	0.002	U
4,4'-DDE	0.0033	0.002	U	0.002	U
4,4'-DDT	0.0033	0.002	U	0.002	U
Aldrin	0.005	0.002	U	0.002	U
alpha-BHC	0.02	0.002	U	0.002	U
alpha-Chlordane	0.094	0.002	U	0.002	U
beta-BHC	0.036	0.002	U	0.002	U
delta-BHC	0.04	0.002	U	0.002	U
Dieldrin	0.005	0.002	U	0.002	U
Endosulfan I	2.4	0.002	U	0.002	U
Endosulfan II	2.4	0.002	U	0.002	U
Endosulfan sulfate	2.4	0.002	U	0.002	U
Endrin	0.014	0.002	U	0.002	U
gamma-BHC (Lindane)	0.1	0.002	U	0.002	U
Heptachlor	0.042	0.002	U	0.002	U

Sample ID	NYSDEC Part 375 UU SCOs	Grid 2 CS-1		Grid 2 CS-2	
Sampling Interval		10’-15’		10’-15’	
Sampling Date		1/4/2023		1/4/2023	
Client Matrix		Soil		Soil	
Compound		Result	Q	Result	Q
Metals	mg/Kg	mg/Kg		mg/Kg	
Dilution Factor		1		1	
Arsenic	13	1.4	U	2.0	
Barium	350	40		39	
Beryllium	7.2	0.5		0.5	
Cadmium	2.5	0.3	U	0.3	U
Chromium	~	29		13.6	
Copper	50	27		14.9	
Lead	63	16		14.8	
Manganese	1600	328		344	
Nickel	30	21		13	
Selenium	3.9	2.3	U	2.3	U
Silver	2	0.5	U	0.5	U
Zinc	109	36		31	

Sample ID	NYSDEC Part 375 UU SCOs	Grid 2 CS-1		Grid 2 CS-2	
Sampling Interval		10’-15’		10’-15’	
Sampling Date		1/4/2023		1/4/2023	
Client Matrix		Soil		Soil	
Compound		Result	Q	Result	Q
Mercury	mg/Kg	mg/Kg		mg/Kg	
Dilution Factor		1		1	
Mercury	0.18	0.03	U	0.03	U

Sample ID	NYSDEC Part 375 UU SCOs	Grid 2 CS-1		Grid 2 CS-2	
Sampling Interval		10’-15’		10’-15’	
Sampling Date		1/4/2023		1/4/2023	
Client Matrix		Soil		Soil	
Compound		Result	Q	Result	Q
Chromium, Hexavalent	mg/Kg	mg/Kg		mg/Kg	
Dilution Factor		1		1	
Chromium, Hexavalent	1	0.5	U	0.5	U

Sample ID	NYSDEC Part 375 UU SCOs	Grid 2 CS-1		Grid 2 CS-2	
Sampling Interval		10’-15’		10’-15’	
Sampling Date		1/4/2023		1/4/2023	
Client Matrix		Soil		Soil	
Compound		Result	Q	Result	Q
Cyanide, Total	mg/Kg	mg/Kg		mg/Kg	
Dilution Factor		1		1	
Cyanide, total	27	0.5	U	0.5	U

Sample ID	NYSDEC Part 375 UU SCOs	Grid 2 CS-1		Grid 2 CS-2	
Sampling Interval		10'-15'		10'-15'	
Sampling Date		1/4/2023		1/4/2023	
Client Matrix		Soil		Soil	
Compound		Result	Q	Result	Q
PFAS		mg/kg		mg/kg	
Dilution Factor		1		1	
11CL-PF3OUdS	~	0.001	U	0.0009	U
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	~	0.001	U	0.0009	U
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	~	0.001	U	0.0009	U
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	~	0.001	U	0.0009	U
3-Perfluoroheptyl propanoic acid (FHpPA)	~	0.005	U	0.005	U
3-Perfluoropentyl propanoic acid (FPePA)	~	0.005	U	0.005	U
3-Perfluoropropyl propanoic acid (FPrPA)	~	0.001	U	0.001	U
9CL-PF3ONS	~	0.001	U	0.0009	U
ADONA	~	0.001	U	0.0009	U
HFPO-DA (Gen-X)	~	0.001	U	0.0009	U
N-EtFOSA	~	0.0002	U	0.0002	U
N-EtFOSAA	~	0.0002	U	0.0002	U
N-EtFOSE	~	0.002	U	0.002	U
N-MeFOSA	~	0.0002	U	0.0002	U
N-MeFOSAA	~	0.0002	U	0.0002	U
N-MeFOSE	~	0.002	U	0.002	U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	~	0.0004	U	0.0004	U
Perfluoro-1-decanesulfonic acid (PFDS)	~	0.0002	U	0.0002	U
Perfluoro-1-heptanesulfonic acid (PFHpS)	~	0.0002	U	0.0002	U
Perfluoro-1-nonanesulfonic acid (PFNS)	~	0.0002	U	0.0002	U
Perfluoro-1-octanesulfonamide (FOSA)	~	0.0002	U	0.0002	U
Perfluoro-1-pentanesulfonate (PFPeS)	~	0.0002	U	0.0002	U
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	~	0.0004	U	0.0004	U
Perfluoro-4-oxapentanoic acid (PFMPA)	~	0.0004	U	0.0004	U
Perfluoro-5-oxahexanoic acid (PFMBA)	~	0.0004	U	0.0004	U
Perfluorobutanesulfonic acid (PFBS)	~	0.0002	U	0.0002	U
Perfluorodecanoic acid (PFDA)	~	0.0002	U	0.0002	U
Perfluorododecanesulfonic acid (PFDoS)	~	0.0002	U	0.0002	U
Perfluorododecanoic acid (PFDoA)	~	0.0002	U	0.0002	U
Perfluoroheptanoic acid (PFHpA)	~	0.0002	U	0.0002	U
Perfluorohexanesulfonic acid (PFHxS)	~	0.0002	U	0.0002	U
Perfluorohexanoic acid (PFHxA)	~	0.0002	U	0.0002	U
Perfluoro-n-butanoic acid (PFBA)	~	0.001	U	0.0009	U
Perfluorononanoic acid (PFNA)	~	0.0002	U	0.0002	U
Perfluorooctanesulfonic acid (PFOS)	~	0.0002	U	0.0002	U
Perfluorooctanoic acid (PFOA)	~	0.0002	U	0.0002	U
Perfluoropentanoic acid (PFPeA)	~	0.0004	U	0.0004	U
Perfluorotetradecanoic acid (PFTA)	~	0.0002	U	0.0002	U
Perfluorotridecanoic acid (PFTrDA)	~	0.0002	U	0.0002	U
Perfluoroundecanoic acid (PFUnA)	~	0.0002	U	0.0002	U

Sample ID	NYSDEC Part 375 UU SCOs	Grid 2 CS-1		Grid 2 CS-2	
Sampling Interval		10'-15'		10'-15'	
Sampling Date		1/4/2023		1/4/2023	
Client Matrix		Soil		Soil	
Compound		Result	Q	Result	Q
Polychlorinated Biphenyls (PCB)	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	0.1	0.02	U	0.02	U

NOTES:

Any Regulatory Exceedances are highlighted in **yellow** and Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution, J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated, U=analyte not detected at or above the level indicated, B=analyte found in the analysis batch blank, E=result is estimated and cannot be accurately reported due to levels encountered or interferences, ~=this indicates that no regulatory limit has been established for this analyte

Table XIV: Quadrant 4 Verification Samples vs UU SCOs

Sample ID	NYSDEC Part 375 UU SCOs	Q4-CS-Grab 1		Q4-CS-Grab 2		Q4-CS-Grab 3		Q4-CS-Grab 4		Q4-CS-Grab 5		Q4-CS-Grab 6	
Sampling Interval		10'-15'		10'-15'		10'-15'		10'-15'		10'-15'		10'-15'	
Sampling Date		1/10/2023		1/10/2023		1/10/2023		1/10/2023		1/10/2023		1/10/2023	
Client Matrix		Soil		Soil		Soil		Soil		Soil		Soil	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOCs	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor		1		1		1		1		200		1	
1,1,1-Trichloroethane	0.68	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
1,1-Dichloroethane	0.27	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
1,1-Dichloroethylene	0.33	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
1,2,4-Trimethylbenzene	3.6	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
1,2-Dichlorobenzene	1.1	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
1,2-Dichloroethane	0.02	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
1,3,5-Trimethylbenzene	8.4	0.003	U	0.004	J	0.003	U	0.003	U	0.003	U	0.003	U
1,3-Dichlorobenzene	2.4	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
1,4-Dichlorobenzene	1.8	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
1,4-Dioxane	0.1	0.06	U	0.06	U	0.07	U	0.06	U	0.06	U	0.06	U
2-Butanone	0.12	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
Acetone	0.05	0.006	U	0.006	U	0.007	U	0.006	U	0.006	U	0.006	U
Benzene	0.06	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
Carbon tetrachloride	0.76	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
Chlorobenzene	1.1	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
Chloroform	0.37	0.003	U	0.003	U	0.006	J	0.003	U	0.003	U	0.003	U
cis-1,2-Dichloroethylene	0.25	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
Ethyl Benzene	1	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
Methyl tert-butyl ether (MTBE)	0.93	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
Methylene chloride	0.05	0.006	U	0.006	U	0.02		0.006	U	0.006	U	0.006	U
Naphthalene	12	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
n-Butylbenzene	12	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
n-Propylbenzene	3.9	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
o-Xylene	~	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
p- & m- Xylenes	~	0.006	U	0.006	U	0.007	U	0.006	U	0.006	U	0.006	U
sec-Butylbenzene	11	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
tert-Butylbenzene	5.9	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
Tetrachloroethylene	1.3	0.009		0.04		0.003	U	0.02		**10**	D	0.02	
Toluene	0.7	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
trans-1,2-Dichloroethylene	0.19	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
Trichloroethylene	0.47	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
Vinyl Chloride	0.02	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
Xylenes, Total	0.26	0.009	U	0.008	U	0.010	U	0.008	U	0.009	U	0.010	U

Sample ID	NYSDEC Part 375 UU SCOs	Q4-CS-Composite 1		Q4-CS-Composite 2	
Sampling Interval		10'-15'		10'-15'	
Sampling Date		1/10/2023		1/10/2023	
Client Matrix		Soil		Soil	
Compound		Result	Q	Result	Q
SVOCs	mg/Kg	mg/Kg		mg/Kg	
Dilution Factor		2		2	
2-Methylphenol	0.33	0.05	U	0.05	U
3- & 4-Methylphenols	0.33	0.05	U	0.05	U
Acenaphthene	20	0.05	U	0.05	U
Acenaphthylene	100	0.05	U	0.05	U
Anthracene	100	0.05	U	0.07	JD
Benzo(a)anthracene	1	0.08	JD	0.1	D
Benzo(a)pyrene	1	0.06	JD	0.08	JD
Benzo(b)fluoranthene	1	0.06	JD	0.07	JD
Benzo(g,h,i)perylene	100	0.05	U	0.06	JD
Benzo(k)fluoranthene	0.8	0.05	JD	0.06	JD
Chrysene	1	0.07	JD	0.1	D
Dibenzo(a,h)anthracene	0.33	0.05	U	0.05	U
Dibenzofuran	7	0.05	U	0.05	U
Fluoranthene	100	0.2	D	0.2	D
Fluorene	30	0.05	U	0.05	U
Hexachlorobenzene	0.33	0.05	U	0.05	U
Indeno(1,2,3-cd)pyrene	0.5	0.05	U	0.05	JD
Naphthalene	12	0.05	U	0.05	U
Pentachlorophenol	0.8	0.05	U	0.05	U
Phenanthrene	100	0.1	D	0.2	D
Phenol	0.33	0.05	U	0.05	U
Pyrene	100	0.1	D	0.3	D

Sample ID	NYSDEC Part 375 UU SCOs	Q4-CS-Composite 1		Q4-CS-Composite 2	
Sampling Interval		10'-15'		10'-15'	
Sampling Date		1/10/2023		1/10/2023	
Client Matrix		Soil		Soil	
Compound		Result	Q	Result	Q
Pesticides	mg/Kg	mg/Kg		mg/Kg	
Dilution Factor		5		5	
4,4'-DDD	0.0033	0.002	U	0.002	U
4,4'-DDE	0.0033	0.002	U	0.002	U
4,4'-DDT	0.0033	0.002	U	0.002	U
Aldrin	0.005	0.002	U	0.002	U
alpha-BHC	0.02	0.002	U	0.002	U
alpha-Chlordane	0.094	0.002	D	0.002	D
beta-BHC	0.036	0.002	U	0.002	U
delta-BHC	0.04	0.002	U	0.002	U
Dieldrin	0.005	0.004	D	0.004	D
Endosulfan I	2.4	0.002	U	0.002	U
Endosulfan II	2.4	0.002	U	0.002	U
Endosulfan sulfate	2.4	0.002	U	0.002	U
Endrin	0.014	0.002	U	0.002	U
gamma-BHC (Lindane)	0.1	0.002	U	0.002	U
Heptachlor	0.042	0.002	U	0.002	U

Sample ID	NYSDEC Part 375 UU SCOs	Q4-CS-Composite 1		Q4-CS-Composite 2	
Sampling Interval		10'-15'		10'-15'	
Sampling Date		1/10/2023		1/10/2023	
Client Matrix		Soil		Soil	
Compound		Result	Q	Result	Q
Metals	mg/Kg	mg/Kg		mg/Kg	
Dilution Factor		1		1	
Arsenic	13	1.9		1.5	
Barium	350	46		50	
Beryllium	7.2	0.6		0.6	
Cadmium	2.5	0.3	U	0.3	U
Chromium	~	15		15.6	
Copper	50	17.6		17.3	
Lead	63	16		16.6	
Manganese	1600	329		338	
Nickel	30	12.8		13.8	
Selenium	3.9	2.3	U	2.3	U
Silver	2	0.5	U	0.5	U
Zinc	109	37		41	

Sample ID	NYSDEC Part 375 UU SCOs	Q4-CS-Composite 1		Q4-CS-Composite 2	
Sampling Interval		10'-15'		10'-15'	
Sampling Date		1/10/2023		1/10/2023	
Client Matrix		Soil		Soil	
Compound		Result	Q	Result	Q
Mercury	mg/Kg	mg/Kg		mg/Kg	
Dilution Factor		1		1	
Mercury	0.18	0.03	U	0.03	U

Sample ID	NYSDEC Part 375 UU SCOs	Q4-CS-Composite 1		Q4-CS-Composite 2	
Sampling Interval		10'-15'		10'-15'	
Sampling Date		1/10/2023		1/10/2023	
Client Matrix		Soil		Soil	
Compound		Result	Q	Result	Q
Chromium, Hexavalent	mg/Kg	mg/Kg		mg/Kg	
Dilution Factor		1		1	
Chromium, Hexavalent	1	0.5	U	0.5	U

Sample ID	NYSDEC Part 375 UU SCOs	Q4-CS-Composite 1		Q4-CS-Composite 2	
Sampling Interval		10'-15'		10'-15'	
Sampling Date		1/10/2023		1/10/2023	
Client Matrix		Soil		Soil	
Compound		Result	Q	Result	Q
Cyanide	mg/Kg	mg/Kg		mg/Kg	
Dilution Factor		1		1	
Cyanide, total	27	0.5	U	0.5	U

Sample ID	NYSDEC Part 375 UU SCOs	Q4-CS-Composite 1		Q4-CS-Composite 2	
Sampling Interval		10'-15'		10'-15'	
Sampling Date		1/10/2023		1/10/2023	
Client Matrix		Soil		Soil	
Compound		Result	Q	Result	Q
PFAS		mg/kg		mg/kg	
Dilution Factor		1		1	
11CL-PF3OUdS	~	0.001	U	0.0009	U
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	~	0.001	U	0.0009	U
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	~	0.001	U	0.0009	U
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	~	0.001	U	0.0009	U
3-Perfluoroheptyl propanoic acid (FHpPA)	~	0.005	U	0.005	U
3-Perfluoropentyl propanoic acid (FPePA)	~	0.005	U	0.005	U
3-Perfluoropropyl propanoic acid (FPrPA)	~	0.001	U	0.001	U
9CL-PF3ONS	~	0.001	U	0.0009	U
ADONA	~	0.001	U	0.0009	U
HFPO-DA (Gen-X)	~	0.001	U	0.0009	U
N-EtFOSA	~	0.0002		0.0002	U
N-EtFOSAA	~	0.0002	U	0.0002	U
N-EtFOSE	~	0.002	U	0.002	U
N-MeFOSA	~	0.0002	U	0.0002	U
N-MeFOSAA	~	0.0002	U	0.0002	U
N-MeFOSE	~	0.002	U	0.002	U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	~	0.0004	U	0.0004	U
Perfluoro-1-decanesulfonic acid (PFDS)	~	0.0002	U	0.0002	U
Perfluoro-1-heptanesulfonic acid (PFHpS)	~	0.0002	U	0.0002	U
Perfluoro-1-nonanesulfonic acid (PFNS)	~	0.0002	U	0.0002	U
Perfluoro-1-octanesulfonamide (FOSA)	~	0.0002	U	0.0002	U
Perfluoro-1-pentanesulfonate (PFPeS)	~	0.0002	U	0.0002	U
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	~	0.0004	U	0.0004	U
Perfluoro-4-oxapentanoic acid (PFMPA)	~	0.0004	U	0.0004	U
Perfluoro-5-oxahexanoic acid (PFMBA)	~	0.0004	U	0.0004	U
Perfluorobutanesulfonic acid (PFBS)	~	0.0002	U	0.0002	U
Perfluorodecanoic acid (PFDA)	~	0.0002	U	0.0002	U
Perfluorododecanesulfonic acid (PFDoS)	~	0.0002	U	0.0002	U
Perfluorododecanoic acid (PFDoA)	~	0.0002	U	0.0002	U
Perfluoroheptanoic acid (PFHpA)	~	0.0002	U	0.0002	U
Perfluorohexanesulfonic acid (PFHxS)	~	0.0002	U	0.0002	U
Perfluorohexanoic acid (PFHxA)	~	0.0002	U	0.0002	U
Perfluoro-n-butanoic acid (PFBA)	~	0.0009	U	0.0009	U
Perfluorononanoic acid (PFNA)	~	0.0002	U	0.0002	U
Perfluorooctanesulfonic acid (PFOS)	~	0.0002	U	0.0002	U
Perfluorooctanoic acid (PFOA)	~	0.0002	U	0.0002	U
Perfluoropentanoic acid (PFPeA)	~	0.0004	U	0.0004	U
Perfluorotetradecanoic acid (PFTA)	~	0.0002	U	0.0002	U
Perfluorotridecanoic acid (PFTrDA)	~	0.0002	U	0.0002	U
Perfluoroundecanoic acid (PFUnA)	~	0.0002	U	0.0002	U

Sample ID	NYSDEC Part 375 UU SCOs	Q4-CS-Composite 1		Q4-CS-Composite 2	
Sampling Interval		10'-15'		10'-15'	
Sampling Date		1/10/2023		1/10/2023	
Client Matrix		Soil		Soil	
Compound		Result	Q	Result	Q
Polychlorinated Biphenyls (PCB)	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	0.1	0.02	U	0.02	U

NOTES:

Any Regulatory Exceedances are highlighted in **yellow** and Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution, J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated, U=analyte not detected at or above the level indicated, B=analyte found in the analysis batch blank, E=result is estimated and cannot be accurately reported due to levels encountered or interferences, ~=this indicates that no regulatory limit has been established for this analyte

Table XV: Quadrant 4 Verification Samples vs UU SCOs (Detections Only)

Sample ID Sampling Interval Sampling Date Client Matrix	NYSDEC Part 375 UU SCOs	Soil Pile Composite 20'-25' 3/9/2023 Soil	
Compound		Result	Q
Metals **Dilution Factor**	mg/Kg	mg/Kg 1	
Copper	50	**70**	
Zinc	109	**164**	

NOTES:

Any Regulatory Exceedances are highlighted in **yellow** and Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution, J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated, U=analyte not detected at or above the level indicated, B=analyte found in the analysis batch blank, E=result is estimated and cannot be accurately reported due to levels encountered or interferences, ~=this indicates that no regulatory limit has been established for this analyte

Table XVI: Quadrant 5 Verification Samples vs UU SCOs

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 UU SCOs	Grid 5 CS-1 1/4/2023 Soil		Grid 5 CS-2 1/4/2023 Soil		Grid 5 CS-3 1/4/2023 Soil		Grid 5 CS-4 1/4/2023 Soil		Grid 5 CS-5 1/4/2023 Soil	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOCs	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor		1		1		1		1		1	
1,1,1-Trichloroethane	0.68	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
1,1-Dichloroethane	0.27	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
1,1-Dichloroethylene	0.33	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
1,2,4-Trimethylbenzene	3.6	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
1,2-Dichlorobenzene	1.1	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
1,2-Dichloroethane	0.02	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
1,3,5-Trimethylbenzene	8.4	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
1,3-Dichlorobenzene	2.4	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
1,4-Dichlorobenzene	1.8	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
1,4-Dioxane	0.1	0.07	U	0.06	U	0.06	U	0.07	U	0.06	U
2-Butanone	0.12	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
Acetone	0.05	0.007	U	0.007	J	0.006	U	0.007	U	0.007	J
Benzene	0.06	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
Carbon tetrachloride	0.76	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
Chlorobenzene	1.1	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
Chloroform	0.37	0.003	U	0.005	J	0.003	U	0.003	U	0.004	J
cis-1,2-Dichloroethylene	0.25	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
Ethyl Benzene	1	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
Methyl tert-butyl ether (MTBE)	0.93	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
Methylene chloride	0.05	0.007	U	0.008	JB	0.006	U	0.007	U	0.007	JB
Naphthalene	12	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
n-Butylbenzene	12	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
n-Propylbenzene	3.9	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
o-Xylene	~	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
p- & m- Xylenes	~	0.007	U	0.006	U	0.006	U	0.007	U	0.006	U
sec-Butylbenzene	11	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
tert-Butylbenzene	5.9	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
Tetrachloroethylene	1.3	0.01		0.02		0.01		0.02		0.02	
Toluene	0.7	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
trans-1,2-Dichloroethylene	0.19	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
Trichloroethylene	0.47	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
Vinyl Chloride	0.02	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
Xylenes, Total	0.26	0.01	U	0.009	U	0.009	U	0.010	U	0.010	U

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 UU SCOs	Grid 5 CS-1 1/4/2023 Soil		Grid 5 CS-2 1/4/2023 Soil	
Compound		Result	Q	Result	Q
SVOCs	mg/Kg	mg/Kg		mg/Kg	
Dilution Factor		2		2	
2-Methylphenol	0.33	0.05	U	0.05	U
3- & 4-Methylphenols	0.33	0.05	U	0.05	U
Acenaphthene	20	0.06	JD	0.05	U
Acenaphthylene	100	0.05	U	0.05	U
Anthracene	100	0.1	D	0.05	U
Benzo(a)anthracene	1	0.2	D	0.05	U
Benzo(a)pyrene	1	0.2	D	0.05	U
Benzo(b)fluoranthene	1	0.2	D	0.05	U
Benzo(g,h,i)perylene	100	0.1	D	0.05	U
Benzo(k)fluoranthene	0.8	0.2	D	0.05	U
Chrysene	1	0.2	D	0.05	U
Dibenzo(a,h)anthracene	0.33	0.05	U	0.05	U
Dibenzofuran	7	0.06	JD	0.05	U
Fluoranthene	100	0.6	D	0.05	JD
Fluorene	30	0.07	JD	0.05	U
Hexachlorobenzene	0.33	0.05	U	0.05	U
Indeno(1,2,3-cd)pyrene	0.5	0.1	D	0.05	U
Naphthalene	12	0.1	D	0.05	U
Pentachlorophenol	0.8	0.05	U	0.05	U
Phenanthrene	100	0.7	D	0.05	U
Phenol	0.33	0.05	U	0.05	U
Pyrene	100	0.5	D	0.05	U

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 UU SCOs	Grid 5 CS-1 1/4/2023 Soil		Grid 5 CS-2 1/4/2023 Soil	
Compound		Result	Q	Result	Q
Pesticides	mg/Kg	mg/Kg		mg/Kg	
Dilution Factor		5		5	
4,4'-DDD	0.0033	0.002	U	0.002	U
4,4'-DDE	0.0033	0.002	U	0.002	U
4,4'-DDT	0.0033	0.002	U	0.002	U
Aldrin	0.005	0.002	U	0.002	U
alpha-BHC	0.02	0.002	U	0.002	U
alpha-Chlordane	0.094	0.002	U	0.002	U
beta-BHC	0.036	0.002	U	0.002	U
delta-BHC	0.04	0.002	U	0.002	U
Dieldrin	0.005	0.002	U	0.002	U
Endosulfan I	2.4	0.002	U	0.002	U
Endosulfan II	2.4	0.002	U	0.002	U
Endosulfan sulfate	2.4	0.002	U	0.002	U
Endrin	0.014	0.002	U	0.002	U
gamma-BHC (Lindane)	0.1	0.002	U	0.002	U
Heptachlor	0.042	0.002	U	0.002	U

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 UU SCOs	Grid 5 CS-1 1/4/2023 Soil		Grid 5 CS-2 1/4/2023 Soil	
Compound		Result	Q	Result	Q
Metals	mg/Kg	mg/Kg		mg/Kg	
Dilution Factor		1		1	
Arsenic	13	1.8		2.1	
Barium	350	39		45	
Beryllium	7.2	0.5		0.5	
Cadmium	2.5	0.3	U	0.3	U
Chromium	~	15.5		15.1	
Copper	50	14.5		16.8	
Lead	63	15		17.1	
Manganese	1600	326		374	
Nickel	30	13.4		13.6	
Selenium	3.9	2.3	U	2.3	U
Silver	2	0.5	U	0.5	U
Zinc	109	30		34	

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 UU SCOs	Grid 5 CS-1 1/4/2023 Soil		Grid 5 CS-2 1/4/2023 Soil	
Compound		Result	Q	Result	Q
Mercury	mg/Kg	mg/Kg		mg/Kg	
Dilution Factor		1		1	
Mercury	0.18	0.03	U	0.03	U

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 UU SCOs	Grid 5 CS-1 1/4/2023 Soil		Grid 5 CS-2 1/4/2023 Soil	
Compound		Result	Q	Result	Q
Chromium, Hexavalent	mg/Kg	mg/Kg		mg/Kg	
Dilution Factor		1		1	
Chromium, Hexavalent	1	0.5	U	0.5	U

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 UU SCOs	Grid 5 CS-1 1/4/2023 Soil		Grid 5 CS-2 1/4/2023 Soil	
Compound		Result	Q	Result	Q
Cyanide, Total	mg/Kg	mg/Kg		mg/Kg	
Dilution Factor		1		1	
Cyanide, total	27	0.5	U	0.5	U

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 UU SCOs	Grid 5 CS-1 1/4/2023 Soil		Grid 5 CS-2 1/4/2023 Soil	
Compound		Result	Q	Result	Q
PFAS		mg/kg		mg/kg	
Dilution Factor		1		1	
11CL-PF3OUdS	~	0.001	U	0.001	U
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	~	0.001	U	0.001	U
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	~	0.001	U	0.001	U
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	~	0.001	U	0.001	U
3-Perfluoroheptyl propanoic acid (FHpPA)	~	0.005	U	0.005	U
3-Perfluoropentyl propanoic acid (FPePA)	~	0.005	U	0.005	U
3-Perfluoropropyl propanoic acid (FPrPA)	~	0.001	U	0.001	U
9CL-PF3ONS	~	0.001	U	0.001	U
ADONA	~	0.001	U	0.001	U
HFPO-DA (Gen-X)	~	0.001	U	0.001	U
N-EtFOSA	~	0.0002	U	0.0002	U
N-EtFOSAA	~	0.0002	U	0.0002	U
N-EtFOSE	~	0.0022	U	0.002	U
N-MeFOSA	~	0.0002	U	0.0002	U
N-MeFOSAA	~	0.0002	U	0.0002	U
N-MeFOSE	~	0.002	U	0.002	U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	~	0.0004	U	0.0004	U
Perfluoro-1-decanesulfonic acid (PFDS)	~	0.0002	U	0.0002	U
Perfluoro-1-heptanesulfonic acid (PFHpS)	~	0.0002	U	0.0002	U
Perfluoro-1-nonanesulfonic acid (PFNS)	~	0.0002	U	0.0002	U
Perfluoro-1-octanesulfonamide (FOSA)	~	0.0002	U	0.0002	U
Perfluoro-1-pentanesulfonate (PFPeS)	~	0.0002	U	0.0002	U
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	~	0.0004	U	0.0004	U
Perfluoro-4-oxapentanoic acid (PFMPA)	~	0.0004	U	0.0004	U
Perfluoro-5-oxahexanoic acid (PFMBA)	~	0.0004	U	0.0004	U
Perfluorobutanesulfonic acid (PFBS)	~	0.0002	U	0.0002	U
Perfluorodecanoic acid (PFDA)	~	0.0002	U	0.0002	U
Perfluorododecanesulfonic acid (PFDoS)	~	0.0002	U	0.0002	U
Perfluorododecanoic acid (PFDoA)	~	0.0002	U	0.0002	U
Perfluoroheptanoic acid (PFHpA)	~	0.0002	U	0.0002	U
Perfluorohexanesulfonic acid (PFHxS)	~	0.0002	U	0.0002	U
Perfluorohexanoic acid (PFHxA)	~	0.0002	U	0.0002	U
Perfluoro-n-butanoic acid (PFBA)	~	0.001	U	0.0009	U
Perfluorononanoic acid (PFNA)	~	0.0002	U	0.0002	U
Perfluorooctanesulfonic acid (PFOS)	~	0.0002	U	0.0002	U
Perfluorooctanoic acid (PFOA)	~	0.0002	U	0.0002	U
Perfluoropentanoic acid (PFPeA)	~	0.0004	U	0.0004	U
Perfluorotetradecanoic acid (PFTA)	~	0.0002	U	0.0002	U
Perfluorotridecanoic acid (PFTrDA)	~	0.0002	U	0.0002	U
Perfluoroundecanoic acid (PFUnA)	~	0.0002	U	0.0002	U

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 UU SCOs	Grid 5 CS-1 1/4/2023 Soil		Grid 5 CS-2 1/4/2023 Soil	
Compound		Result	Q	Result	Q
Polychlorinated Biphenyls (PCB)	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	0.1	0.02	U	0.02	U

NOTES:

Any Regulatory Exceedances are highlighted in **yellow** and Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution, J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated, U=analyte not detected at or above the level indicated, B=analyte found in the analysis batch blank, E=result is estimated and cannot be accurately reported due to levels encountered or interferences, ~=this indicates that no regulatory limit has been established for this analyte

Table XVII: Quadrant 6 Verification Samples vs UU SCOs (Detections Only)

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 UU SCOs	CS-7 12/19/2022 Soil		CS-8 12/19/2022 Soil		CS-9 12/19/2022 Soil		CS-10 12/19/2022 Soil		CS-11 12/19/2022 Soil	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOCs	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor		1		1		1		1		1	
Acetone	0.05	0.005	U	0.005	U	0.005	U	0.05		0.006	U
Methylene chloride	0.05	0.005	U	0.005	U	0.005	U	0.005	U	0.006	U
Tetrachloroethylene	1.3	0.008		0.004	J	0.03		0.004	J	0.004	J

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 UU SCOs	SP5-1 12/19/2022 Soil		SP5-2 12/19/2022 Soil	
Compound		Result	Q	Result	Q
SVOCs	mg/Kg	mg/Kg		mg/Kg	
Dilution Factor		2		2	
Anthracene	100	0.08	JD	0.04	U
Benzo(a)anthracene	1	0.2	D	0.04	U
Benzo(a)pyrene	1	0.2	D	0.04	U
Benzo(b)fluoranthene	1	0.2	D	0.04	U
Benzo(g,h,i)perylene	100	0.1	D	0.04	U
Benzo(k)fluoranthene	0.8	0.2	D	0.04	U
Chrysene	1	0.2	D	0.04	U
Dibenzo(a,h)anthracene	0.33	0.04	JD	0.04	U
Fluoranthene	100	0.5	D	0.04	U
Indeno(1,2,3-cd)pyrene	0.5	0.1	D	0.04	U
Phenanthrene	100	0.4	D	0.04	U
Pyrene	100	0.5	D	0.04	U

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 UU SCOs	SP5-1 12/19/2022 Soil		SP5-2 12/19/2022 Soil	
Compound		Result	Q	Result	Q
Pesticides	mg/Kg	mg/Kg		mg/Kg	
Dilution Factor		5		5	
alpha-Chlordane	0.094	0.01	D	0.002	U
Dieldrin	0.005	**0.007**	D	0.002	U

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 UU SCOs	SP5-1 12/19/2022 Soil		SP5-2 12/19/2022 Soil	
Compound		Result	Q	Result	Q
Metals	mg/Kg	mg/Kg		mg/Kg	
Dilution Factor		1		1	
Barium	350	43		38	
Beryllium	7.2	0.3		0.4	
Chromium	~	12.4		12.9	
Copper	50	13.2		13.2	
Lead	63	11.4		7.4	
Manganese	1600	411		342	
Nickel	30	9.6		12	
Zinc	109	28		25	

Sample ID Sampling Interval Sampling Date Client Matrix	NYSDEC Part 375 UU SCOs	Grid 6 CS-1 10'-15' 1/4/2023 Soil	
Compound		Result	Q
PFAS		mg/kg	
Dilution Factor		1	
11CL-PF3OUdS	~	0.001	U
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	~	0.001	U
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	~	0.001	U
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	~	0.001	U
3-Perfluoroheptyl propanoic acid (FHpPA)	~	0.01	U
3-Perfluoropentyl propanoic acid (FPePA)	~	0.01	U
3-Perfluoropropyl propanoic acid (FPrPA)	~	0.001	U
9CL-PF3ONS	~	0.001	U
ADONA	~	0.001	U
HFPO-DA (Gen-X)	~	0.001	U
N-EtFOSA	~	0.0002	U
N-EtFOSAA	~	0.0002	U
N-EtFOSE	~	0.002	U
N-MeFOSA	~	0.0002	U
N-MeFOSAA	~	0.0002	U
N-MeFOSE	~	0.002	U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	~	0.0004	U
Perfluoro-1-decanesulfonic acid (PFDS)	~	0.0002	U
Perfluoro-1-heptanesulfonic acid (PFHpS)	~	0.0002	U
Perfluoro-1-nonanesulfonic acid (PFNS)	~	0.0002	U
Perfluoro-1-octanesulfonamide (FOSA)	~	0.0002	U
Perfluoro-1-pentanesulfonate (PFPeS)	~	0.0002	U
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	~	0.0004	U
Perfluoro-4-oxapentanoic acid (PFMPA)	~	0.0004	U
Perfluoro-5-oxahexanoic acid (PFMBA)	~	0.0004	U
Perfluorobutanesulfonic acid (PFBS)	~	0.0002	U
Perfluorodecanoic acid (PFDA)	~	0.0002	U
Perfluorododecanesulfonic acid (PFDoS)	~	0.0002	U
Perfluorododecanoic acid (PFDoA)	~	0.0002	U
Perfluoroheptanoic acid (PFHpA)	~	0.0002	U
Perfluorohexanesulfonic acid (PFHxS)	~	0.0002	U
Perfluorohexanoic acid (PFHxA)	~	0.0002	U
Perfluoro-n-butanoic acid (PFBA)	~	0.001	U
Perfluorononanoic acid (PFNA)	~	0.0002	U
Perfluorooctanesulfonic acid (PFOS)	~	0.0002	U
Perfluorooctanoic acid (PFOA)	~	0.0002	U
Perfluoropentanoic acid (PFPeA)	~	0.0004	U
Perfluorotetradecanoic acid (PFTA)	~	0.0002	U
Perfluorotridecanoic acid (PFTrDA)	~	0.0002	U
Perfluoroundecanoic acid (PFUnA)	~	0.0002	U

NOTES:

Any Regulatory Exceedances are highlighted in **yellow** and Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution, J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated, U=analyte not detected at or above the level indicated, B=analyte found in the analysis batch blank, E=result is estimated and cannot be accurately reported due to levels encountered or interferences, ~=this indicates that no regulatory limit has been established for this analyte

Table XVIII: Quadrant 6 eri ication Samples vs UU SCOs

Sample ID Sampling Interval Sampling Date Client Matrix	NYSDEC Part 375 UU SCOs	Q6 NE 20'-25' 2/14/2023 Soil		Q6 NW 20'-25' 2/14/2023 Soil		Q6 SE 20'-25' 2/14/2023 Soil		Q6 SW 20'-25' 2/14/2023 Soil	
Compound		Result	Q	Result	Q	Result	Q	Result	Q
Pesticides	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor		5		5		5		5	
4,4'-DDD	0.0033	0.002	U	0.002	U	0.002	U	0.002	U
4,4'-DDE	0.0033	0.002	U	0.002	U	0.002	U	0.002	U
4,4'-DDT	0.0033	0.002	U	0.002	U	0.002	U	0.002	U
Aldrin	0.005	0.002	U	0.002	U	0.002	U	0.002	U
alpha-BHC	0.02	0.002	U	0.002	U	0.002	U	0.002	U
alpha-Chlordane	0.094	0.002	U	0.002	U	0.002	U	0.002	U
beta-BHC	0.036	0.002	U	0.002	U	0.002	U	0.002	U
delta-BHC	0.04	0.002	U	0.002	U	0.002	U	0.002	U
Dieldrin	0.005	0.002	U	0.002	U	0.002	U	0.002	U
Endosulfan I	2.4	0.002	U	0.002	U	0.002	U	0.002	U
Endosulfan II	2.4	0.002	U	0.002	U	0.002	U	0.002	U
Endosulfan sulfate	2.4	0.002	U	0.002	U	0.002	U	0.002	U
Endrin	0.014	0.002	U	0.002	U	0.002	U	0.002	U
gamma-BHC (Lindane)	0.1	0.002	U	0.002	U	0.002	U	0.002	U
Heptachlor	0.042	0.002	U	0.002	U	0.002	U	0.002	U

NOTES:

Any Regulatory Exceedances are highlighted in **yellow** and Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution, J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated, U=analyte not detected at or above the level indicated, B=analyte found in the analysis batch blank, E=result is estimated and cannot be accurately reported due to levels encountered or interferences, ~=this indicates that no regulatory limit has been established for this analyte

Table XIX: Excavation Endpoint Samples vs UU SCOs (Detections Only)

Sample ID	NYSDEC UU SCOs	Q1-EP 1		Q1-EP 2		Q1-EP 3		Q2-EP 1		Q2-EP 2		Q2-EP 3		Q2-EP 4	
Sampling Interval		22'		22'		22'		22'		22'		22'		22'	
Sampling Date		3/6/2023		3/6/2023		3/6/2023		3/6/2023		3/6/2023		3/6/2023		3/6/2023	
Client Matrix		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOCs	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	
Acetone	0.05	0.02		0.04		0.03		0.04		0.03		0.04		0.02	

Sample ID	NYSDEC UU SCOs	Q3-EP 1		Q3-EP 2		Q3-EP 3		Q4-EP 1		Q4-EP 2	
Sampling Interval		22'		22'		22'		22'		22'	
Sampling Date		3/6/2023		3/6/2023		3/6/2023		3/6/2023		3/6/2023	
Client Matrix		Soil		Soil		Soil		Soil		Soil	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOCs	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor		1		1		1		1		1	
Acetone	0.05	0.02		0.01	U	0.02		0.03		0.03	

Sample ID	NYSDEC UU SCOs	Q5-EP 1		Q5-EP 2		Q5-EP 3		Q5-EP 4		Q6-EP 1		Q6-EP 2		Q6-EP 3	
Sampling Interval		22'		22'		22'		22'		22'		22'		22'	
Sampling Date		3/6/2023		3/6/2023		3/6/2023		3/6/2023		3/6/2023		3/6/2023		3/6/2023	
Client Matrix		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOCs	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	
Acetone	0.05	**0.06**		0.02		0.01	J	0.02		0.03		0.01	U	0.01	U

Sample ID	NYSDEC Part 375 UU SCOs	Q2-EP 3		Q2-EP 4		Q3-EP 2		Q3-EP 3		Q5-EP 2	
Sampling Interval		22'		22'		22'		22'		22'	
Sampling Date		3/6/2023		3/6/2023		3/6/2023		3/6/2023		3/6/2023	
Client Matrix		Soil		Soil		Soil		Soil		Soil	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PFAS		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Dilution Factor		1		1		1		1		1	
Perfluorohexanesulfonic acid (PFHxS)	~	0.0002	U	0.0002	U	0.0002	U	0.0003		0.0002	U

NOTES:

Any Regulatory Exceedances are highlighted in **yellow** and Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution, J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated, U=analyte not detected at or above the level indicated, B=analyte found in the analysis batch blank, E=result is estimated and cannot be accurately reported due to levels encountered or interferences, ~=this indicates that no regulatory limit has been established for this analyte

Table XX: Excavation Endpoint Samples vs UU SCOs

Sample ID Sampling Interval Sampling Date Client Matrix	NYSDEC Part 375 UU SCOs	Q5-EP1 HS Exc Bottom 27' 3/16/2023 Soil		Q5-EP1 HS Exc East Sidewall 25' 3/16/2023 Soil		Q5-EP1 HS Exc West Sidewall 25' 3/16/2023 Soil		Q5-EP1 HS Exc North Sidewall 25' 3/16/2023 Soil		Q5-EP1 HS Exc South Sidewall 25' 3/16/2023 Soil	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOCs	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor		1		1		1		1		1	
1,1,1-Trichloroethane	0.68	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
1,1-Dichloroethane	0.27	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
1,1-Dichloroethylene	0.33	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
1,2,4-Trimethylbenzene	3.6	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
1,2-Dichlorobenzene	1.1	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
1,2-Dichloroethane	0.02	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
1,3,5-Trimethylbenzene	8.4	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
1,3-Dichlorobenzene	2.4	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
1,4-Dichlorobenzene	1.8	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
1,4-Dioxane	0.1	0.07	U	0.06	U	0.05	U	0.06	U	0.05	U
2-Butanone	0.12	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
Acetone	0.05	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U
Benzene	0.06	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
Carbon tetrachloride	0.76	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
Chlorobenzene	1.1	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
Chloroform	0.37	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
cis-1,2-Dichloroethylene	0.25	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
Ethyl Benzene	1	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
Methyl tert-butyl ether (MTBE)	0.93	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
Methylene chloride	0.05	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U
Naphthalene	12	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
n-Butylbenzene	12	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
n-Propylbenzene	3.9	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
o-Xylene	~	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
p- & m- Xylenes	~	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U
sec-Butylbenzene	11	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
tert-Butylbenzene	5.9	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
Tetrachloroethylene	1.3	0.02		0.06		0.01		0.003	J	0.004	J
Toluene	0.7	0.003	U	0.003	J	0.003	U	0.003	U	0.003	U
trans-1,2-Dichloroethylene	0.19	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
Trichloroethylene	0.47	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
Vinyl Chloride	0.02	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U
Xylenes, Total	0.26	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U

NOTES:

Any Regulatory Exceedances are highlighted in **yellow** and Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution, J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated, U=analyte not detected at or above the level indicated, B=analyte found in the analysis batch blank, E=result is estimated and cannot be accurately reported due to levels encountered or interferences, ~=this indicates that no regulatory limit has been established for this analyte

Table XXI: Transporter Information

Unrestricted Use Soils				
Shipping Date	Manifest Number	Transporter	License Plate	Disposal Facility
1/12/2023	22641	Hales Trucking	AU-732X	The Mulch Depot
1/13/2023	D2	VE Trucking	Missing	The Mulch Depot
1/13/2023	D3	VE Trucking	Missing	The Mulch Depot
1/14/2023	22816	Hales Trucking	AU106P	The Mulch Depot
1/14/2023	22553	Hales Trucking	AW957N	The Mulch Depot
1/14/2023	2498	Caldas Corp	54778N	The Mulch Depot
1/14/2023	2449	Caldas Corp	246488F	The Mulch Depot
1/14/2023	1119	Caldas Corp	22049PF	The Mulch Depot
1/14/2023	22803	Hales Trucking	AX637Y	The Mulch Depot
1/14/2023	2284	Caldas Corp	26690PF	The Mulch Depot
1/14/2023	22855	Hales Trucking	AU106P	The Mulch Depot
1/14/2023	2283	Caldas Corp	23690PF	The Mulch Depot
1/14/2023	22804	Hales Trucking	AX637Y	The Mulch Depot
1/14/2023	22739	Hales Trucking	AU491C	The Mulch Depot
1/16/2023	23152	VE Trucking	AY259E	The Mulch Depot
1/16/2023	23153	VE Trucking	AW259D	The Mulch Depot
1/16/2023	23154	Hales Trucking	AW535D	The Mulch Depot
1/16/2023	23155	Hales Trucking	AV732X	The Mulch Depot
1/16/2023	23156	Hales Trucking	AX637Y	The Mulch Depot
1/16/2023	23157	JS Express	AX172J	The Mulch Depot
1/16/2023	23158	VE Trucking	AW351B	The Mulch Depot
1/16/2023	23159	VE Trucking	AW641V	The Mulch Depot
1/16/2023	23160	Adrian Trans.	AU451E	The Mulch Depot
1/16/2023	23161	JS Express	AX885B	The Mulch Depot
1/16/2023	23162	Hales Trucking	AW957N	The Mulch Depot
1/16/2023	23163	Hales Trucking	AU106P	The Mulch Depot
1/16/2023	23164	Adrian Trans.	AX779T	The Mulch Depot
1/16/2023	23165	Serrano's Trucking	AX308	The Mulch Depot
1/16/2023	23166	VE Trucking	AT774E	The Mulch Depot
1/16/2023	23167	SLJ Trucking	AS780S	The Mulch Depot
1/16/2023	23168	Adrian Trans.	AY839A	The Mulch Depot
1/16/2023	23169	VE Trucking	AX709B	The Mulch Depot
1/16/2023	23170	SLJ Trucking	AT233E	The Mulch Depot
1/16/2023	23171	VE Trucking	AY259F	The Mulch Depot
1/16/2023	23172	Hales Trucking	AW535B	The Mulch Depot
1/16/2023	23173	VE Trucking	AW538B	The Mulch Depot
1/16/2023	23174	Hales Trucking	AU491C	The Mulch Depot
1/16/2023	23175	Hales Trucking	AU732X	The Mulch Depot
1/16/2023	23176	VE Trucking	AW259N	The Mulch Depot
1/16/2023	23177	Hales Trucking	AX637Y	The Mulch Depot
1/16/2023	23178	VE Trucking	AW641V	The Mulch Depot
1/16/2023	23179	JS Express	AX172J	The Mulch Depot
1/16/2023	23180	Hales Trucking	AW937N	The Mulch Depot
1/16/2023	23181	VE Trucking	AY774E	The Mulch Depot
1/16/2023	23182	Granda Haulers	AW643Z	The Mulch Depot
1/16/2023	23183	JS Express	AX885B	The Mulch Depot
1/16/2023	23184	Caldas Corp	22049PF	The Mulch Depot
1/16/2023	23185	Caldas Corp	24698PF	The Mulch Depot
1/16/2023	23186	VE Trucking	AY259E	The Mulch Depot
1/16/2023	23187	Caldas Corp	54778N12	The Mulch Depot
1/16/2023	23188	VE Trucking	AX709B	The Mulch Depot
1/16/2023	23189	VE Trucking	AW254D	The Mulch Depot
1/16/2023	23190	VE Trucking	AW358B	The Mulch Depot
1/16/2023	23191	Movement Matrius	AW918N	The Mulch Depot
1/16/2023	23192	VE Trucking	AW671V	The Mulch Depot
1/16/2023	23193	Cadmen Trucking	AW549V	The Mulch Depot
1/16/2023	23194	VE Trucking	AY779E	The Mulch Depot
1/16/2023	23195	VE Trucking	AY774E	The Mulch Depot
1/17/2023	5280	VE Trucking	AY259E	The Mulch Depot
1/17/2023	5281	VE Trucking	AW259D	The Mulch Depot
1/17/2023	23195	CAHL	AX890Z	The Mulch Depot
1/17/2023	23196	JS Express	AX885B	The Mulch Depot
1/17/2023	5282	VE Trucking	AX709B	The Mulch Depot
1/17/2023	23197	Granda	AW643Z	The Mulch Depot
1/17/2023	23198	Caldas Corp	24648PF	The Mulch Depot
1/17/2023	5283	VE Trucking	AY260E	The Mulch Depot
1/17/2023	22988	Hales Trucking	AW535B	The Mulch Depot
1/17/2023	23072	Hales Trucking	AX637Y	The Mulch Depot
1/17/2023	5284	VE Trucking	AY259E	The Mulch Depot
1/17/2023	23200	Caldas Corp	54778NB	The Mulch Depot
1/17/2023	5285	VE Trucking	AY774E	The Mulch Depot
1/17/2023	23201	Caldas Corp	22049PF	The Mulch Depot
1/17/2023	5286	VE Trucking	AW358B	The Mulch Depot
1/17/2023	5287	VE Trucking	AW641V	The Mulch Depot
1/17/2023	5288	VE Trucking	AX709B	The Mulch Depot
1/17/2023	23202	Hales Trucking	AW957N	The Mulch Depot
1/17/2023	5289	VE Trucking	AY260E	The Mulch Depot
1/17/2023	23203	Granda	AW643Z	The Mulch Depot
1/17/2023	23204	Caldas Corp	24648PF	The Mulch Depot
1/17/2023	5290	VE Trucking	AY259E	The Mulch Depot
1/17/2023	5291	VE Trucking	AW358B	The Mulch Depot
1/17/2023	5292	VE Trucking	AW259D	The Mulch Depot
1/17/2023	5293	VE Trucking	AY774E	The Mulch Depot
1/17/2023	1061212	VE Trucking	AW259D	The Mulch Depot
1/17/2023	5294	VE Trucking	AW641V	The Mulch Depot
1/17/2023	23205	Caldas Corp	54778NB	The Mulch Depot
1/17/2023	23206	Hales Trucking	AU732X	The Mulch Depot
1/17/2023	5295	VE Trucking	AX709B	The Mulch Depot

1/17/2023	23207	Caldas Corp	22049PF	The Mulch Depot
1/17/2023	5296	VE Trucking	AY260E	The Mulch Depot
1/17/2023	23208	Granda	AW643Z	The Mulch Depot
1/18/2023	23075	Hales Trucking	AX637Y	The Mulch Depot
1/18/2023	22755	Hales Trucking	AW643Z	The Mulch Depot
1/18/2023	22901	Hales Trucking	AW957N	The Mulch Depot
1/18/2023	22990	Hales Trucking	AW535B	The Mulch Depot
1/18/2023	22649	Cadmen	AY234C	The Mulch Depot
1/18/2023	22648	Movement Materials	AW918N	The Mulch Depot
1/18/2023	22656	Movement Materials	7124358	The Mulch Depot
1/18/2023	22690	Hales Trucking	AU732X	The Mulch Depot
1/18/2023	23108	Cadmen	AW549U	The Mulch Depot
1/18/2023	23109	Hales Trucking	AW210T	The Mulch Depot
1/18/2023	23110	Hales Trucking	AU106P	The Mulch Depot
1/20/2023	23111	Hales Trucking	AU732X	The Mulch Depot
1/21/2023	22894	Hales Trucking	AW210T	The Mulch Depot
1/21/2023	23209	Hales Trucking	AU732X	The Mulch Depot
1/21/2023	23076	Hales Trucking	AX637Y	The Mulch Depot
1/21/2023	22949	Hales Trucking	AU106P	The Mulch Depot
1/21/2023	22905	Hales Trucking	AW957N	The Mulch Depot
1/21/2023	23078	Hales Trucking	AX637Y	The Mulch Depot
1/23/2023	23628	Hales Trucking	23670PF	The Mulch Depot
1/24/2023	23116	CAHL Trucking	AX-890Z	The Mulch Depot
1/24/2023	23117	GQ Xpress	AW-694S	The Mulch Depot
1/24/2023	23118	Caldas Corp	24648-PF	The Mulch Depot
1/24/2023	23119	GH Granda Haulers	AW-693Z	The Mulch Depot
1/24/2023	23629	Caldas Corp	23690-PF	The Mulch Depot
1/24/2023	23120	Caldas Corp	22049-PF	The Mulch Depot
1/24/2023	23121	Caldas Corp	54778-NB	The Mulch Depot
1/24/2023	23122	CAHL Trucking	AX-8902	The Mulch Depot
1/24/2023	23123	GQ Xpress	AW-694S	The Mulch Depot
1/24/2023	23124	Cadmen Trucking	AY-234C	The Mulch Depot
1/24/2023	23125	Cadmen Trucking	AW-549U	The Mulch Depot
1/24/2023	23126	Caldas Corp	23690-PF	The Mulch Depot
1/24/2023	23127	Hales Trucking	AU-732X	The Mulch Depot
1/24/2023	23079	Hales Trucking	AX-637Y	The Mulch Depot
1/24/2023	23129	Caldas Corp	24648-PF	The Mulch Depot
1/24/2023	23130	GH Granda Haulers	AW-643Z	The Mulch Depot
1/24/2023	23131	Hales Trucking	AW-210T	The Mulch Depot
1/24/2023	22853	Hales Trucking	AU-106P	The Mulch Depot
1/24/2023	23132	Caldas Corp	22049-PF	The Mulch Depot
1/24/2023	23133	Caldas Corp	54778-NB	The Mulch Depot
1/24/2023	23134	Hales Trucking	AW-535B	The Mulch Depot
1/24/2023	23115	Cadmen Trucking	AY-234C	The Mulch Depot
1/24/2023	23135	Cadmen Trucking	AW-549U	The Mulch Depot
1/24/2023	23136	Caldas Corp	24648-PF	The Mulch Depot
1/24/2023	23137	Caldas Corp	22049-PF	The Mulch Depot
1/24/2023	23138	Caldas Corp	54778-NB	The Mulch Depot
1/25/2023	23081	Hales Trucking	AX-637Y	The Mulch Depot
1/25/2023	22953	Hales Trucking	AU-106P	The Mulch Depot
1/25/2023	23211	Hales Trucking	AW-535B	The Mulch Depot
1/25/2023	23213	Serranos's Trucking	AX-300Y	The Mulch Depot
1/30/2023	22761	Caldas Corp	24648-PF	The Mulch Depot
1/30/2023	22767	Caldas Corp	54778-NB	The Mulch Depot
2/1/2023	23090	Hales Trucking	AX-637Y	The Mulch Depot
2/1/2023	23095	Hales Trucking	AU-732X	The Mulch Depot
2/1/2023	23229	Hales Trucking	AW-957N	The Mulch Depot
2/1/2023	23214	Hales Trucking	AW-535B	The Mulch Depot
2/1/2023	22850	Hales Trucking	AU-106P	The Mulch Depot
2/1/2023	23230	GH Granda Hauler	AW-643Z	The Mulch Depot
2/1/2023	23097	Hales Trucking	AX-637Y	The Mulch Depot
2/1/2023	23265	Hales Trucking	AW-210T	The Mulch Depot
2/1/2023	23215	Caldas Corp	24648-PF	The Mulch Depot
2/14/2023	23216	JS Express	AX-885B	The Mulch Depot
2/14/2023	23217	Hales Trucking	AW-535B	The Mulch Depot
2/14/2023	23360	Hales Trucking	AU-732X	The Mulch Depot
2/14/2023	23218	JS Express	AX-172J	The Mulch Depot
2/14/2023	23219	Serranos's Trucking	AX-300V	The Mulch Depot
2/14/2023	24432	Hales Trucking	AX-637Y	The Mulch Depot
2/14/2023	23220	Hales Trucking	AW-210T	The Mulch Depot
2/14/2023	23221	Serranos's Trucking	AX-300Y	The Mulch Depot
2/14/2023	1118	Adrian Transport	AX-451F	The Mulch Depot
2/14/2023	23222	Adrian Transport	AX-779T	The Mulch Depot
2/14/2023	23223	JS Express	AX-885B	The Mulch Depot
2/14/2023	23224	Hales Trucking	AU-491C	The Mulch Depot
2/14/2023	23225	Adrian Transport	AX-779T	The Mulch Depot
2/14/2023	23228	GQ Xpress	AW-694S	The Mulch Depot
2/14/2023	23433	Hales Trucking	AX-637Y	The Mulch Depot
2/14/2023	23226	Caldas Corp	22049-PF	The Mulch Depot
2/14/2023	23091	JS Express	AX-172J	The Mulch Depot
2/14/2023	23093	Caldas Corp	30984-PF	The Mulch Depot
2/14/2023	23092	Hales Trucking	AW-210T	The Mulch Depot
2/14/2023	23094	Hales Trucking	AU-732X	The Mulch Depot
2/14/2023	23259	Hales Trucking	AW-535B	The Mulch Depot
2/14/2023	23257	Caldas Corp	22049-PF	The Mulch Depot
2/14/2023	23258	Caldas Corp	30984-PF	The Mulch Depot
2/15/2023	23361	Hales Trucking	AU732X	The Mulch Depot
2/15/2023	23021	Hales Trucking	AW535B	The Mulch Depot
2/15/2023	23255	Hales Trucking	AU106P	The Mulch Depot
2/15/2023	23267	Hales Trucking	AW210T	The Mulch Depot
2/15/2023	23307	Adrian Transport	AY839A	The Mulch Depot
2/15/2023	23308	SLJ	AT233E	The Mulch Depot

2/15/2023	23261	Adrian Transport	AX799T	The Mulch Depot
2/15/2023	23262	Hales Trucking	AW210T	The Mulch Depot
2/15/2023	23263	Adrian Transport	AX951F	The Mulch Depot
2/15/2023	23256	Caldas Corp	22048PF	The Mulch Depot
2/15/2023	23227	Caldas Corp	30984PF	The Mulch Depot
2/15/2023	23362	Hales Trucking	AU732X	The Mulch Depot
2/15/2023	23764	Dirt King	AX277U	The Mulch Depot
2/15/2023	23365	Caldas Corp	29648PF	The Mulch Depot
2/15/2023	23366	Hales Trucking	AW535B	The Mulch Depot
2/15/2023	23367	Hales Trucking	AU106P	The Mulch Depot
2/15/2023	23368	Adrian Transport	AX799T	The Mulch Depot
2/15/2023	23369	Caldas Corp	22048PF	The Mulch Depot
2/15/2023	23370	Caldas Corp	30948PF	The Mulch Depot
2/15/2023	23371	Caldas Corp	24648PF	The Mulch Depot

Regulated Non-Hazardous Wastes				
Shipping Date	Manifest Number	Transporter	License Plate	Disposal Facility
12/20/2022	1060678	Hales	AW535B	IRRC
12/20/2022	1060673	Hales	AX637Y	IRRC
12/20/2022	1060662	Hales	AW535B	IRRC
12/20/2022	1060667	Hales	AX637Y	IRRC
12/20/2022	1060669	Hales	AU106P	IRRC
12/20/2022	1060727	Hales	AW535B	IRRC
12/28/2022	1060705	HALES Trucking	AW210T	IRRC
1/5/2023	1060714	HALES	AU491C	IRRC
1/5/2023	1060715	HALES	AX637Y	IRRC
1/20/2023	1061169	Hales	AX637Y	South Amboy Landfill
1/20/2023	1061172	Hales	AW210T	South Amboy Landfill
1/20/2023	1061174	Hales	AU106P	South Amboy Landfill
1/25/2023	1061254	Hales	AU-491C	South Amboy Landfill
1/25/2023	1061284	Caldas Corp	23690-PF	South Amboy Landfill
1/30/2023	1061532	Hales	AW-210T	South Amboy Landfill
2/1/2023	1061433	Hales	AW-957N	South Amboy Landfill
2/1/2023	1061429	Sajona Trucking	AX-488Y	South Amboy Landfill
2/1/2023	1061428	Hales	AW-535B	South Amboy Landfill
2/22/2023	1061523	Hales	AU-732X	South Amboy Landfill
2/22/2023	1061522	Hales	AW-535B	South Amboy Landfill
2/22/2023	1061521	Hales	AX-637Y	South Amboy Landfill
2/22/2023	1061520	VE Transport	AW-259D	South Amboy Landfill
2/22/2023	1061519	Hales	AU-106P	South Amboy Landfill
2/22/2023	1061518	VE Transport	AY-774E	South Amboy Landfill
2/22/2023	1061517	Hales	AW-210T	South Amboy Landfill
2/22/2023	1061516	VE Transport	AW-641V	South Amboy Landfill
2/22/2023	1061515	L Martinez Trucking	AY-908B	South Amboy Landfill
2/22/2023	1061514	VE Transport	AY-260E	South Amboy Landfill
2/22/2023	1061513	VE Transport	AX-709B	South Amboy Landfill
2/22/2023	1061512	Justin Express	AW-215P	South Amboy Landfill
2/22/2023	1061511	Justin Express	AY-955C	South Amboy Landfill
2/22/2023	1061510	Justin Express	AU-983W	South Amboy Landfill
2/22/2023	1061509	Justin Express	AW-919J	South Amboy Landfill
2/22/2023	1061508	Justin Express	AU-762G	South Amboy Landfill
2/22/2023	1061507	VE Transport	AW-358B	South Amboy Landfill
2/28/2023	1061457	Dirt King Trucking	AX-277V	IRRC
2/28/2023	1061776	Hales	AW-957N	IRRC
3/1/2023	1061780	JS Express	AX-885B	South Amboy Landfill
3/1/2023	1061790	L Martinez Trucking	AY-908B	South Amboy Landfill
3/1/2023	1061795	JS Express	AX-172J	South Amboy Landfill
3/1/2023	1061797	JS Express	AX-885B	South Amboy Landfill
3/3/2023	1061815	Hales	AU-732X	South Amboy Landfill
3/3/2023	1061820	Hales	AW-535B	South Amboy Landfill

Table XXII: Tonnage of Soil by Quadrant

Location	Quadrant 1*	Quadrant 2	Quadrant 3	Quadrant 4	Quadrant 5*	Quadrant 6*
Tonnage	4943.44	2743.18	1824.73	5308.37	2725.82	3732.02

*Quadrant includes some soil with no returned scale tickets – tonnage is estimated.

Table XXIII: Hazardous Waste Tonnage

Hotspot	HF-Q2	PCE-Q2	SB-102	PCE-Q5
Actual Tonnage	192.82	306.09	377.64	77.19
Expected Tonnage*	133	311	208	69

*As stated in the Contained-in Determination Request

FIGURES



Laurel
ENVIRONMENTAL GEOSCIENCES DPC

53 West Hills Road
Huntington Station, NY 11746

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

WWW.LAURELENV.COM

FIGURE 1.0:
SITE SKETCH WITH QUADRANT LOCATIONS

27-09 40th Avenue, Long Island City, New York

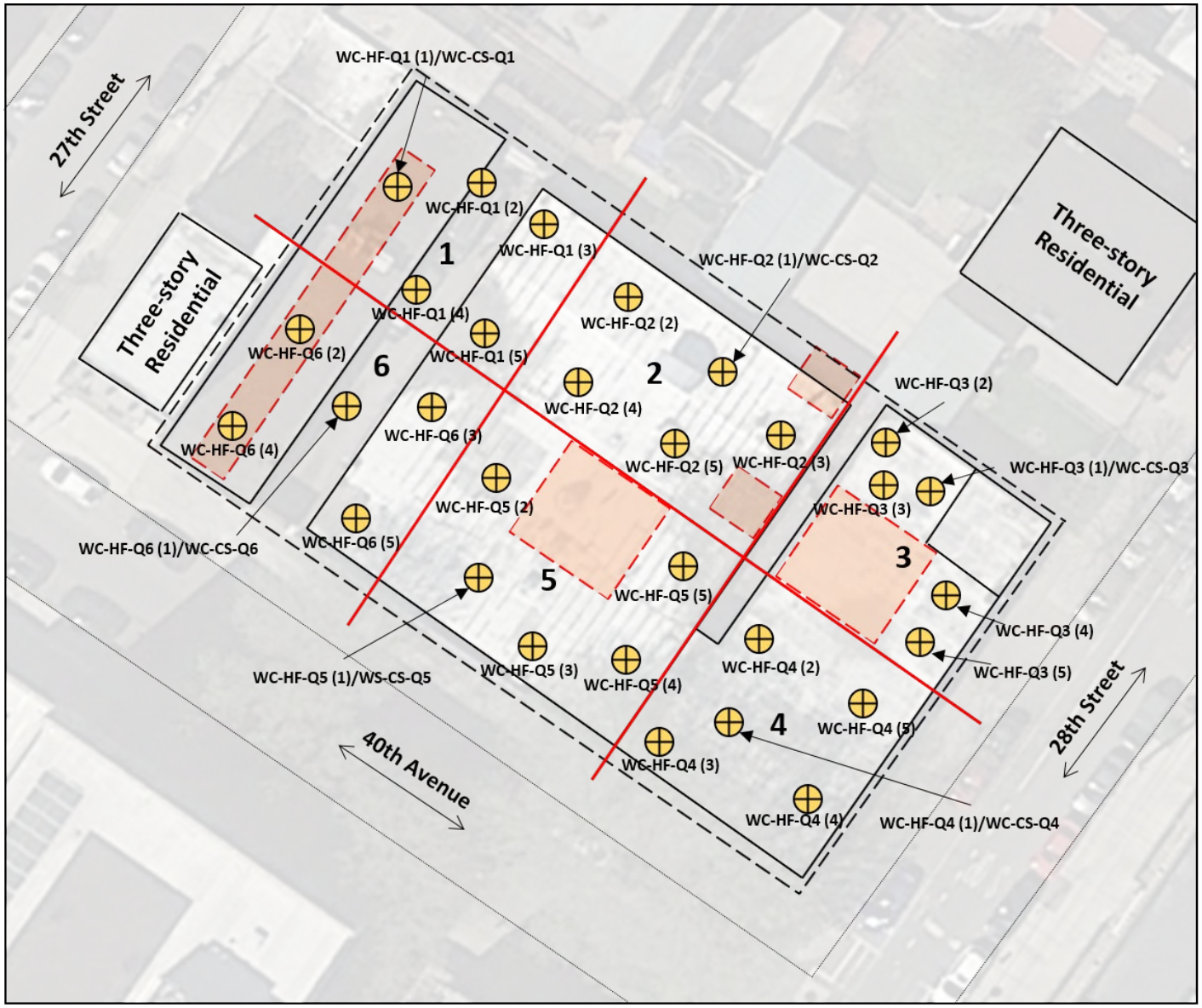
PROJECT #: 19-410
DRAWING DATE: 6-2-23
DRAWN BY: JB
CHECKED BY: SY
REVISIONS: NA

KEY

- Soil boring location
- Quadrant boundary
- Site boundary

Scale
0' 20'

N W E S



Laurel ENVIRONMENTAL GEOSCIENCES DPC

53 West Hills Road
Huntington Station, NY 11746

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

WWW.LAURELENV.COM

FIGURE 2.0:
Site Sketch with Historic Fill Sampling Locations

27-09 40th Avenue, Long Island City, New York

PROJECT #: 19-410
DRAWING DATE: 2-5-21
DRAWN BY: JB
CHECKED BY: SY
REVISIONS: NA

KEY
- Soil boring location
- Area of concern
- Quadrant boundary
- Site boundary

Scale
0' 20'

N W E S



Laurel ENVIRONMENTAL GEOSCIENCES DPC

53 West Hills Road
Huntington Station, NY 11746

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

WWW.LAURELENV.COM

FIGURE 3.0:
Site Sketch with Clean Soil Sampling Locations

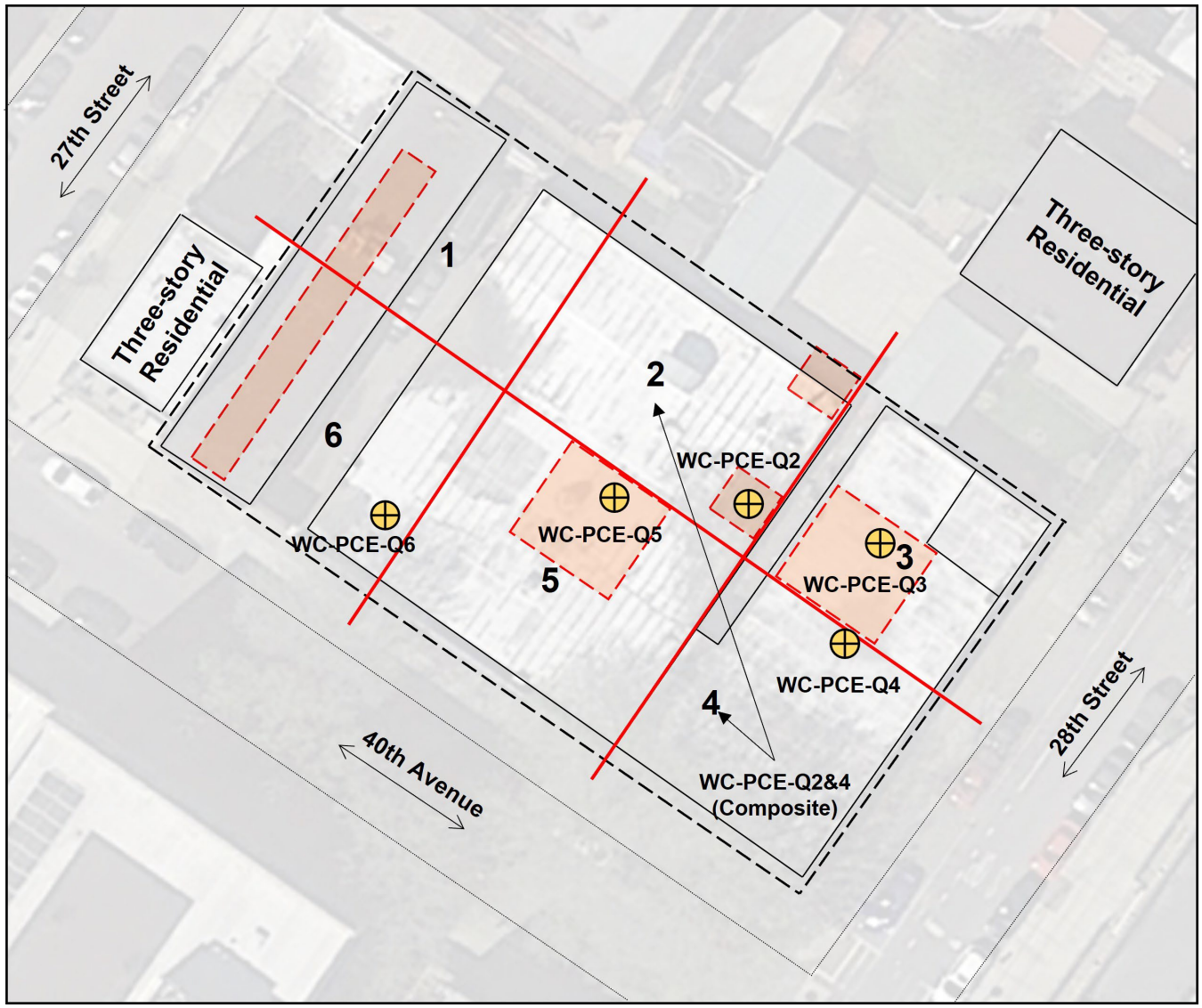
27-09 40th Avenue, Long Island City, New York

PROJECT #: 19-410
DRAWING DATE: 2-5-21
DRAWN BY: JB
CHECKED BY: SY
REVISIONS: NA

KEY
- Soil boring location
- Area of concern
- Quadrant boundary
- Site boundary

Scale
0' 20'

N W E S



Laurel ENVIRONMENTAL GEOSCIENCES DPC

53 West Hills Road
Huntington Station, NY 11746

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

WWW.LAURELENV.COM

FIGURE 4.0:
Site Sketch with PCE Sampling Locations

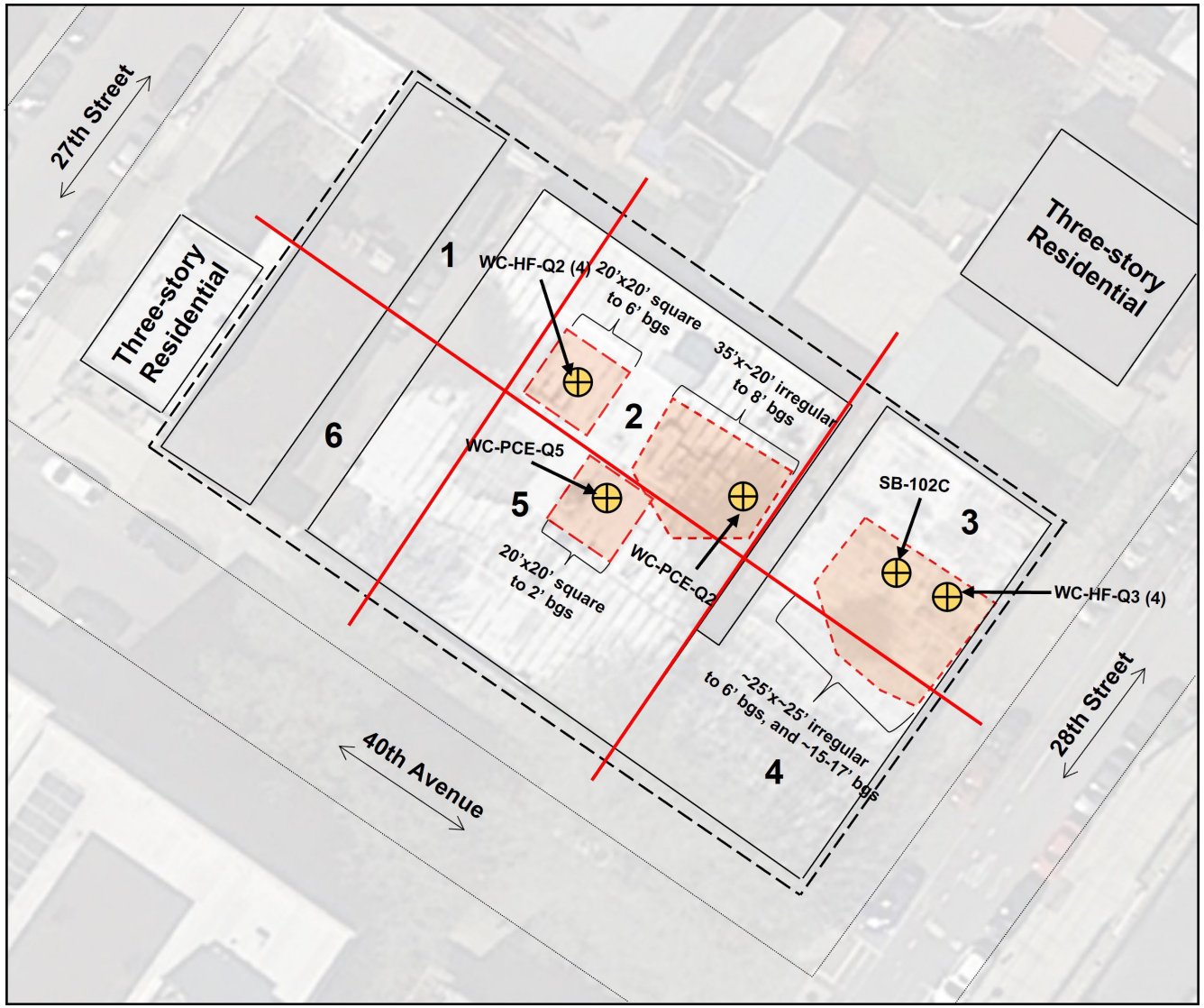
27-09 40th Avenue, Long Island City, New York

PROJECT #: 19-410
DRAWING DATE: 6-20-23
DRAWN BY: EB
CHECKED BY: JB
REVISIONS: NA

KEY
- Soil boring location
- Area of concern
- Quadrant boundary
- Site boundary

Scale
0' 20'

N W E S



Laurel ENVIRONMENTAL GEOSCIENCES DPC

53 West Hills Road
Huntington Station, NY 11746

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

WWW.LAURELENV.COM

FIGURE 5.0
SITE SKETCH WITH HAZARDOUS WASTE AREAS

27-09 40th Avenue,
Long Island City, NY

PROJECT: 19-401
DRAWING DATE: 11-22-22
DRAWN BY: JB
CHECKED BY: SY
REVISIONS: N/A

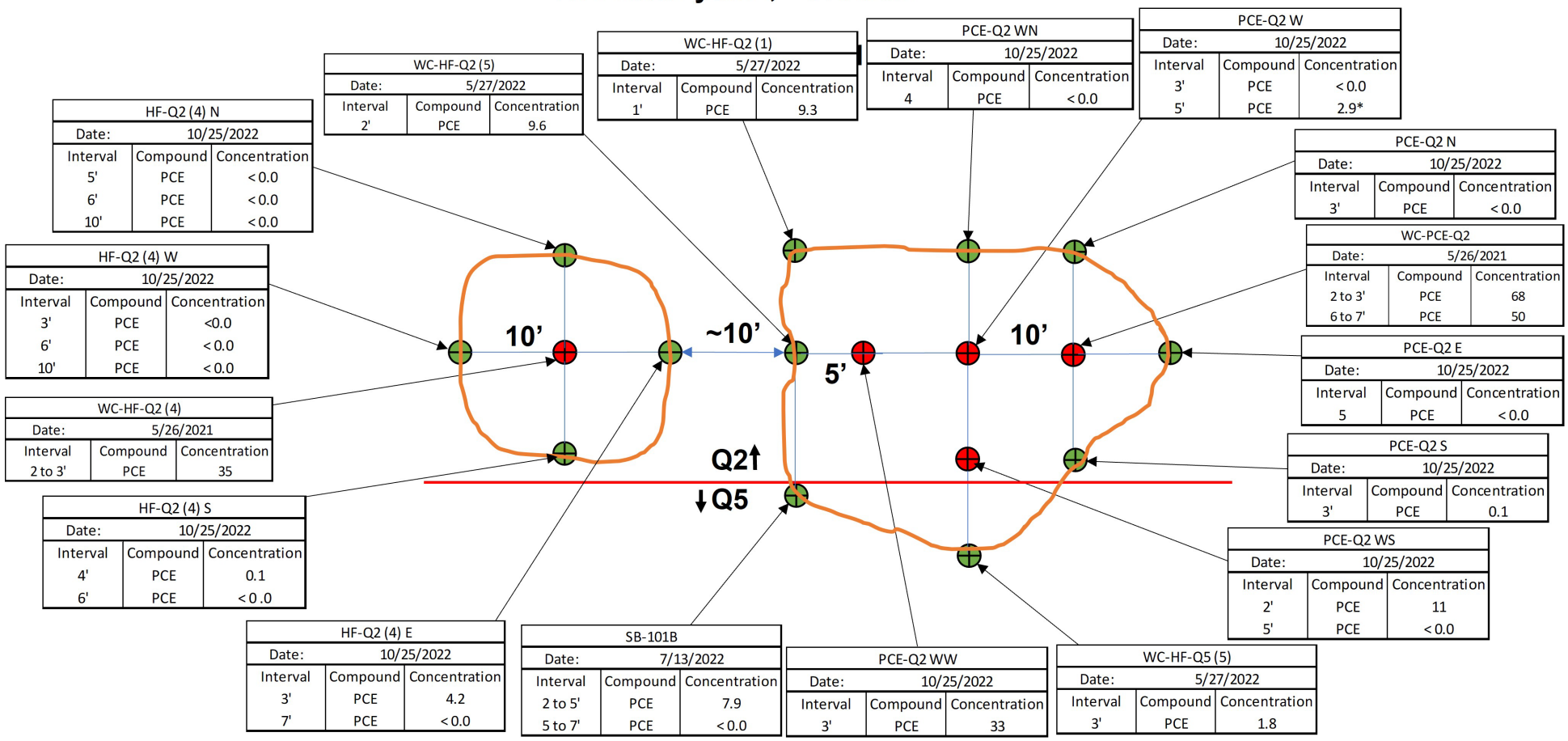
KEY

- Soil sample location
- Area of hazardous waste
- Quadrant boundary
- Site boundary

Scale
0' 20'

N W E S

Sketch orientated “site north”
HF-Q2 (Q2) and PCE-Q2 (Q2/Q5) hazardous waste area
Excavate to 6’ (HF-Q2) and 8’ (PCE-Q2)
~296 cubic yards, ~444 tons



HF-Q2 (4) N		
Date:	10/25/2022	
Interval	Compound	Concentration
5'	PCE	< 0.0
6'	PCE	< 0.0
10'	PCE	< 0.0

WC-HF-Q2 (5)		
Date:	5/27/2022	
Interval	Compound	Concentration
2'	PCE	9.6

WC-HF-Q2 (1)		
Date:	5/27/2022	
Interval	Compound	Concentration
1'	PCE	9.3

PCE-Q2 WN		
Date:	10/25/2022	
Interval	Compound	Concentration
4	PCE	< 0.0

PCE-Q2 W		
Date:	10/25/2022	
Interval	Compound	Concentration
3'	PCE	< 0.0
5'	PCE	2.9*

PCE-Q2 N		
Date:	10/25/2022	
Interval	Compound	Concentration
3'	PCE	< 0.0

HF-Q2 (4) W		
Date:	10/25/2022	
Interval	Compound	Concentration
3'	PCE	<0.0
6'	PCE	< 0.0
10'	PCE	< 0.0

WC-PCE-Q2		
Date:	5/26/2021	
Interval	Compound	Concentration
2 to 3'	PCE	68
6 to 7'	PCE	50

PCE-Q2 E		
Date:	10/25/2022	
Interval	Compound	Concentration
5	PCE	< 0.0

WC-HF-Q2 (4)		
Date:	5/26/2021	
Interval	Compound	Concentration
2 to 3'	PCE	35

PCE-Q2 S		
Date:	10/25/2022	
Interval	Compound	Concentration
3'	PCE	0.1

HF-Q2 (4) S		
Date:	10/25/2022	
Interval	Compound	Concentration
4'	PCE	0.1
6'	PCE	< 0 .0

PCE-Q2 WS		
Date:	10/25/2022	
Interval	Compound	Concentration
2'	PCE	11
5'	PCE	< 0.0

HF-Q2 (4) E		
Date:	10/25/2022	
Interval	Compound	Concentration
3'	PCE	4.2
7'	PCE	< 0.0

SB-101B		
Date:	7/13/2022	
Interval	Compound	Concentration
2 to 5'	PCE	7.9
5 to 7'	PCE	< 0.0

PCE-Q2 WW		
Date:	10/25/2022	
Interval	Compound	Concentration
3'	PCE	33

WC-HF-Q5 (5)		
Date:	5/27/2022	
Interval	Compound	Concentration
3'	PCE	1.8

Laurel ENVIRONMENTAL GEOSCIENCES DPC

53 West Hills Road
Huntington Station, NY 11746

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

WWW.LAURELENV.COM

FIGURE 6.0
HF-Q2 AND PCE-Q2 HAZARDOUS WASTE BOUNDS

27-09 40th Avenue,
Long Island City, NY

PROJECT: 19-401
DRAWING DATE: 11-22-22
DRAWN BY: JB
CHECKED BY: SY
REVISIONS: N/A

KEY

- Clean soil sample location
- Hazardous soil sample location
- Anticipated excavation boundary
- Quadrant boundary
- Site boundary



Laurel ENVIRONMENTAL GEOSCIENCES DPC

53 West Hills Road
Huntington Station, NY 11746

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

WWW.LAURELENV.COM

FIGURE 7.0
GRID 1 5-POINT COMPOSITE SAMPLING LOCATIONS

27-09 40th Avenue,
Long Island City, NY

PROJECT: 19-401
DRAWING DATE: 06-12-23
DRAWN BY: EB
CHECKED BY: JB
REVISIONS: N/A

KEY

- Soil sampling location
- Quadrant boundary
- Site boundary



Laurel ENVIRONMENTAL GEOSCIENCES DPC

53 West Hills Road
Huntington Station, NY 11746

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

WWW.LAURELENV.COM

FIGURE 8.0
SVOC DELINEATION SAMPLING LOCATIONS

27-09 40th Avenue,
Long Island City, NY

PROJECT: 19-401
DRAWING DATE: 06-12-23
DRAWN BY: EB
CHECKED BY: JB
REVISIONS: N/A

KEY

- Soil sampling location
- Quadrant boundary
- Site boundary



Laurel
ENVIRONMENTAL GEOSCIENCES DPC

53 West Hills Road
Huntington Station, NY 11746

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

WWW.LAURELENV.COM

FIGURE 9.0
SVOC STOCKPILE AND SAMPLING LOCATIONS

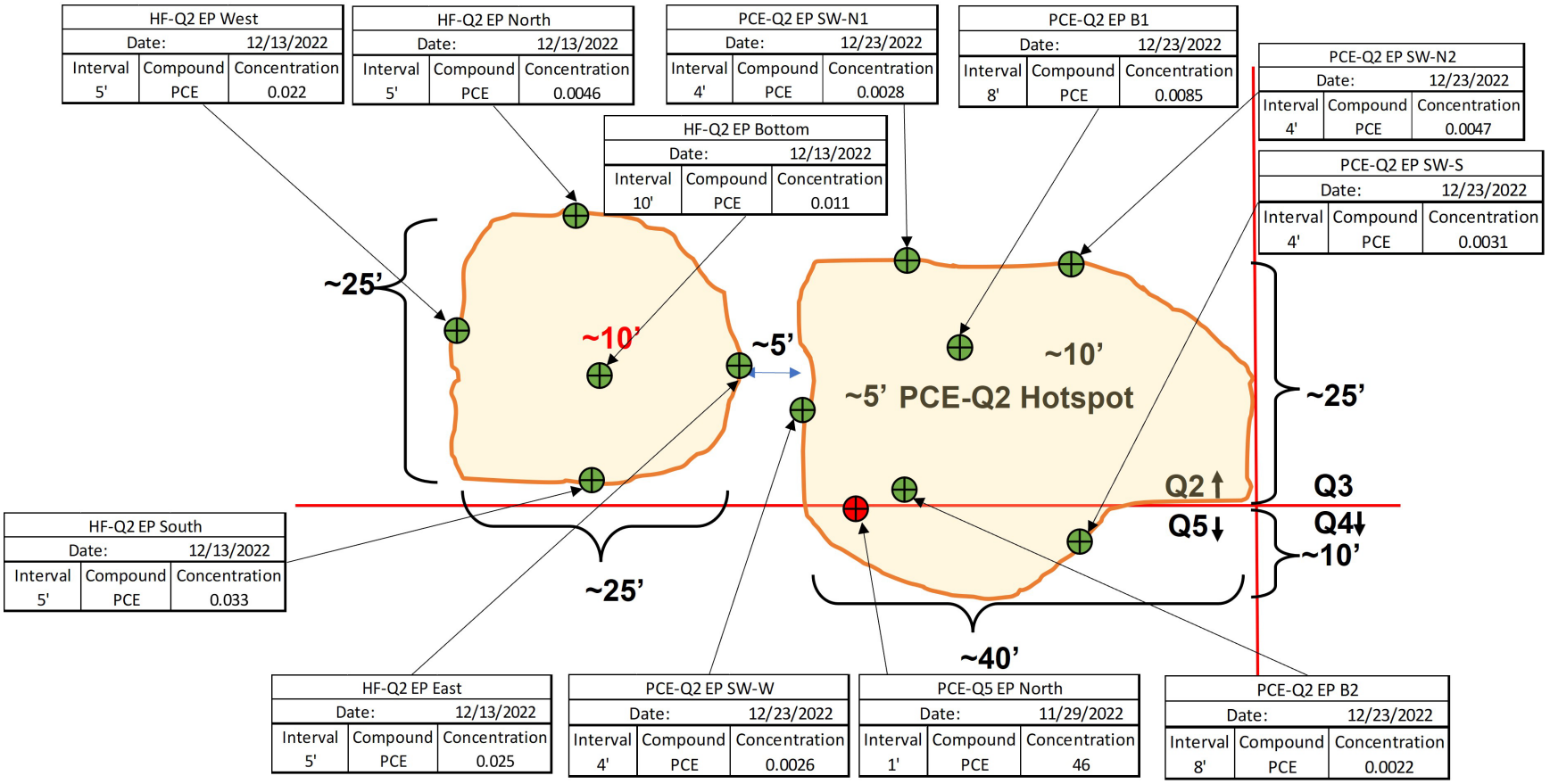
27-09 40th Avenue,
Long Island City, NY

PROJECT: 19-401
DRAWING DATE: 06-12-23
DRAWN BY: EB
CHECKED BY: JB
REVISIONS: N/A

KEY

- Soil sample location
- Area of Stockpile
- Quadrant boundary
- Site boundary

Sketch orientated “site north”
Combined Q2 hazardous waste area
Excavated to ~10’
498.91 tons of hazardous waste removed



Laurel ENVIRONMENTAL GEOSCIENCES DPC

53 West Hills Road
Huntington Station, NY 11746

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

WWW.LAURELENV.COM

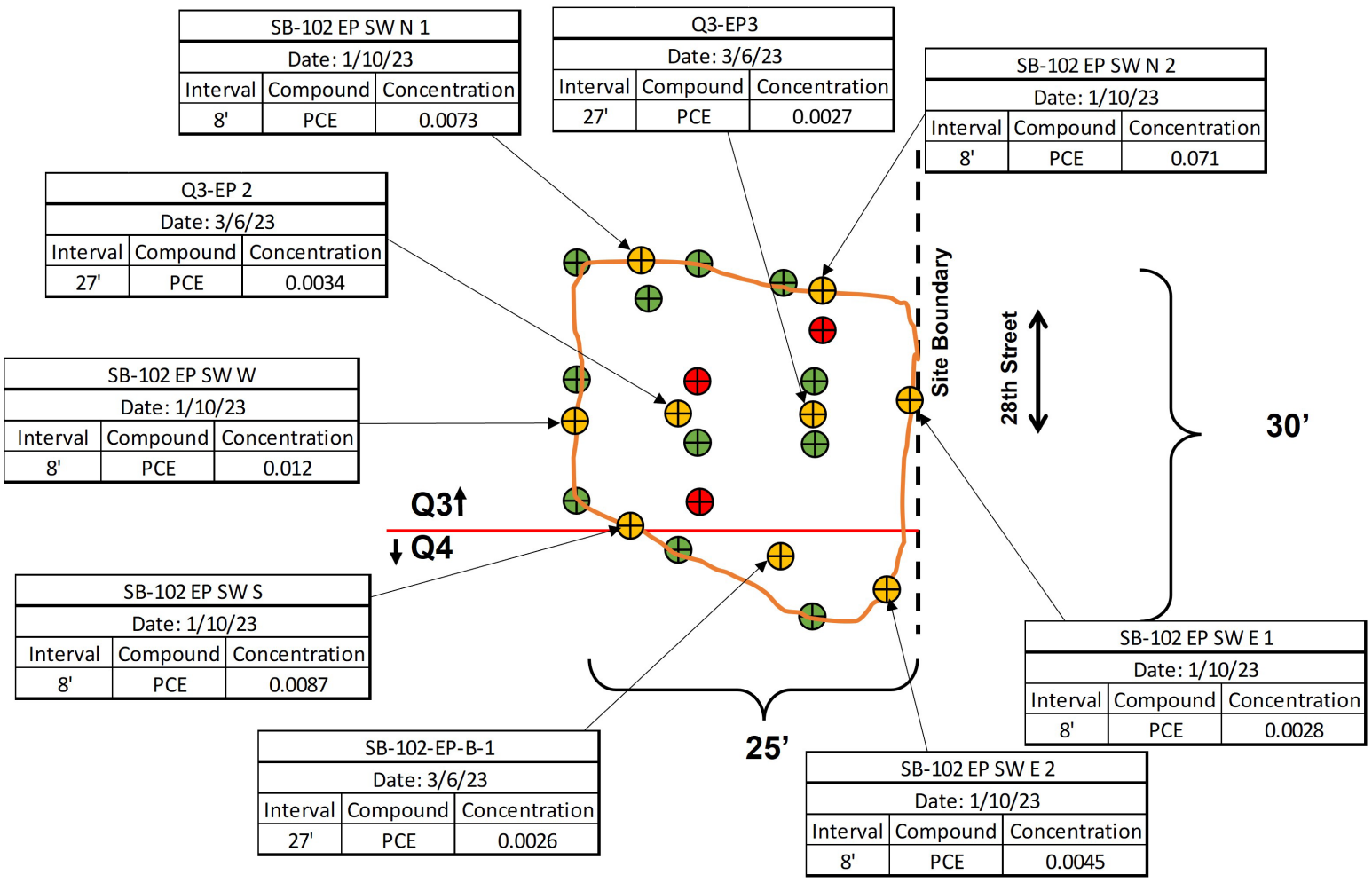
FIGURE 10.0
QUADRANT 2 HOTSPOT EXCAVATIONS WITH ENDPOINT SAMPLING LOCATIONS

27-09 40th Avenue,
Long Island City, NY

PROJECT: 19-401
DRAWING DATE: 06-12-23
DRAWN BY: EB
CHECKED BY: JB
REVISIONS: N/A

KEY
- Clean soil sample location
- Hazardous soil sample location
- Excavation boundary
- Quadrant boundary
- Site boundary

Sketch orientated "site north"
SB-102 (Q3/Q4) hazardous waste area
Excavated from 0 to 27' bgs
377.64 tons of hazardous waste removed



Laurel ENVIRONMENTAL GEOSCIENCES DPC

53 West Hills Road
Huntington Station, NY 11746

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

WWW.LAURELENV.COM

FIGURE 11.0
QUADRANT 3 HOTSPOT EXCAVATION AND ENDPOINT SAMPLING LOCATIONS

27-09 40th Avenue,
Long Island City, NY

PROJECT: 19-401

DRAWING DATE: 3-10-23

DRAWN BY: JB

CHECKED BY: SY

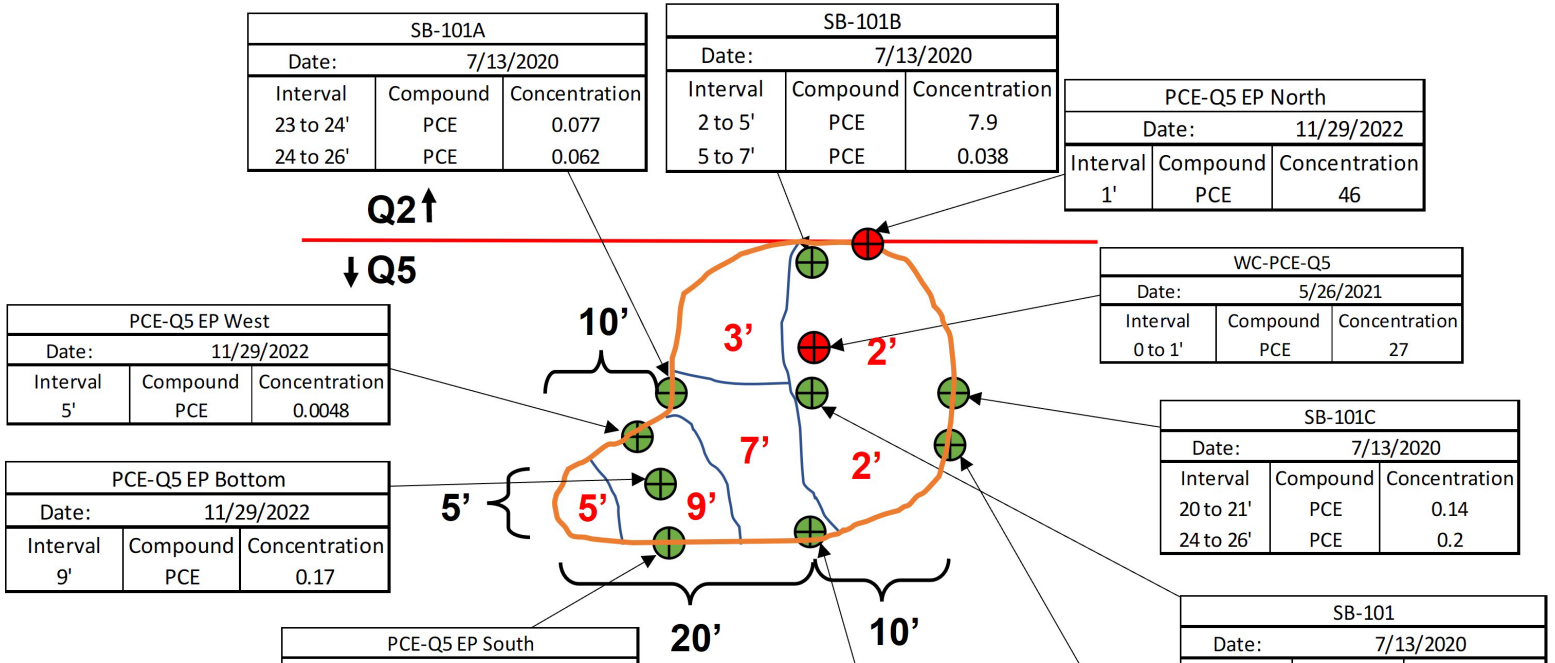
REVISIONS:

KEY

- Clean RI soil sample location
- Hazardous RI soil sample location
- RAR Endpoint soil sample location
- Actual excavation boundary
- Quadrant boundary
- Site boundary

- Concentrations of PCE shown are in mg/kg
- NYSDEC Part 375 Unrestricted Use SCO for PCE is 1.3 mg/kg
- Contained-in Determination Limit for PCE is 12 mg/kg

Sketch orientated "site north"
WC-PCE-Q5 (Q5) hazardous waste area
Excavated to 2-9' bgs
77.19 tons of hazardous waste removed



SB-101A		
Date:	7/13/2020	
Interval	Compound	Concentration
23 to 24'	PCE	0.077
24 to 26'	PCE	0.062

SB-101B		
Date:	7/13/2020	
Interval	Compound	Concentration
2 to 5'	PCE	7.9
5 to 7'	PCE	0.038

PCE-Q5 EP North		
Date:	11/29/2022	
Interval	Compound	Concentration
1'	PCE	46

WC-PCE-Q5		
Date:	5/26/2021	
Interval	Compound	Concentration
0 to 1'	PCE	27

PCE-Q5 EP West		
Date:	11/29/2022	
Interval	Compound	Concentration
5'	PCE	0.0048

SB-101C		
Date:	7/13/2020	
Interval	Compound	Concentration
20 to 21'	PCE	0.14
24 to 26'	PCE	0.2

PCE-Q5 EP Bottom		
Date:	11/29/2022	
Interval	Compound	Concentration
9'	PCE	0.17

SB-101		
Date:	7/13/2020	
Interval	Compound	Concentration
30 to 32'	PCE	0.056
32 to 34'	PCE	0.016

PCE-Q5 EP South		
Date:	11/29/2022	
Interval	Compound	Concentration
5'	PCE	0.0027

SB-101D		
Date:	7/13/2020	
Interval	Compound	Concentration
18 to 20'	PCE	0.0037
21 to 23'	PCE	0.026
Dup-20200710 [SB-101D 21 to 23']		
Date:	7/13/2020	
Interval	Compound	Concentration
21 to 23'	PCE	0.024

PCE-Q5 EP East		
Date:	11/29/2022	
Interval	Compound	Concentration
1'	PCE	0.057

Laurel ENVIRONMENTAL GEOSCIENCES DPC

53 West Hills Road
Huntington Station, NY 11746

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

WWW.LAURELENV.COM

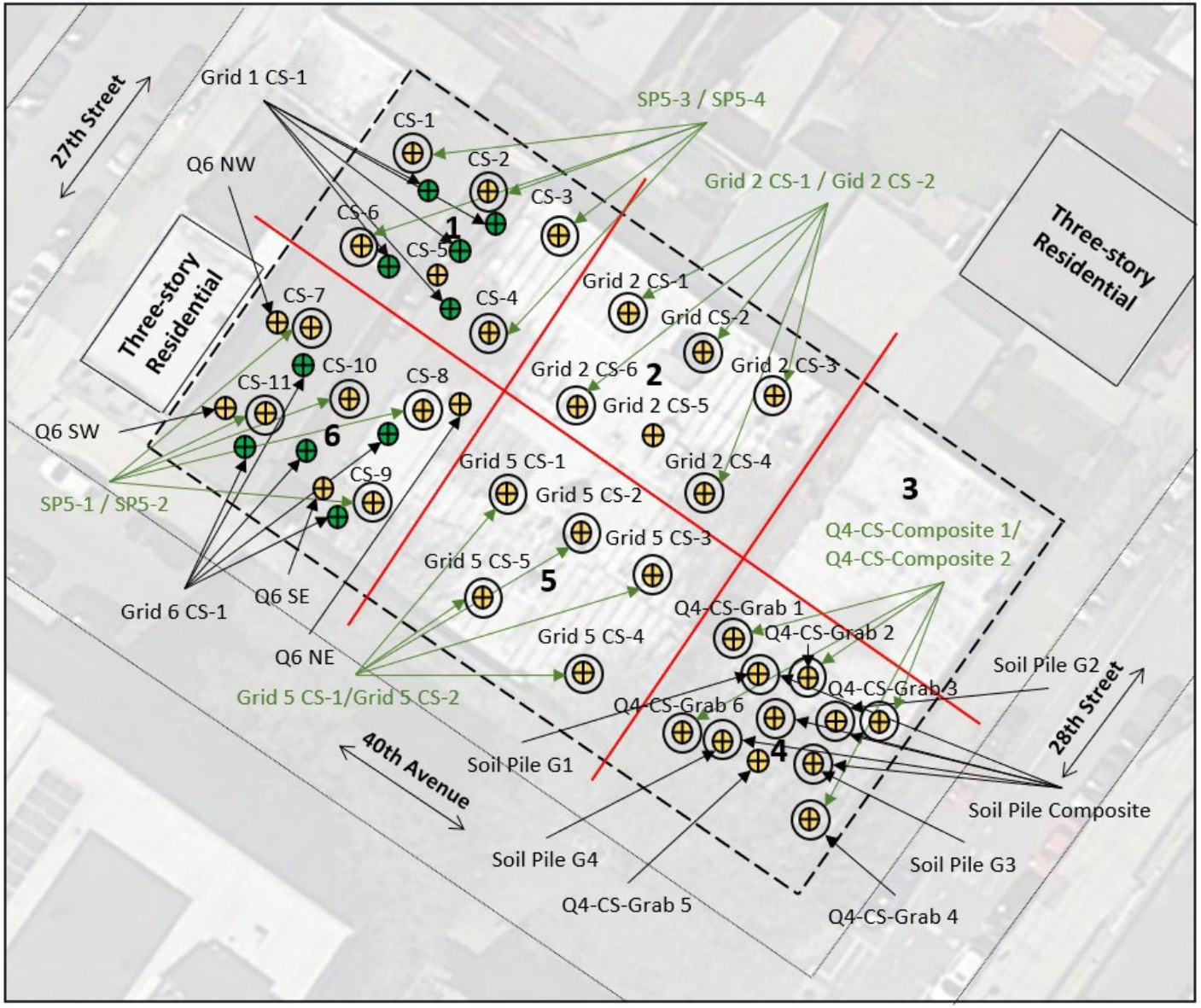
FIGURE 12.0
QUADRANT 5 HOTSPOT EXCAVATION AND ENDPOINT SAMPLING LOCATIONS

27-09 40th Avenue,
Long Island City, NY

PROJECT: 19-401
DRAWING DATE: 11-22-22
DRAWN BY: JB
CHECKED BY: SY
REVISIONS: 12-28-22

KEY
- Clean soil sample location
- Hazardous soil sample location
- Actual excavation boundary
- Quadrant boundary
- Site boundary

- Concentrations of PCE shown are in mg/kg
- NYSDEC Part 375 Unrestricted Use SCO for PCE is 1.3 mg/kg
- Contained-in Determination Limit for PCE is 12 mg/kg



Laurel ENVIRONMENTAL GEOSCIENCES DPC

53 West Hills Road
Huntington Station, NY 11746

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

WWW.LAURELENV.COM

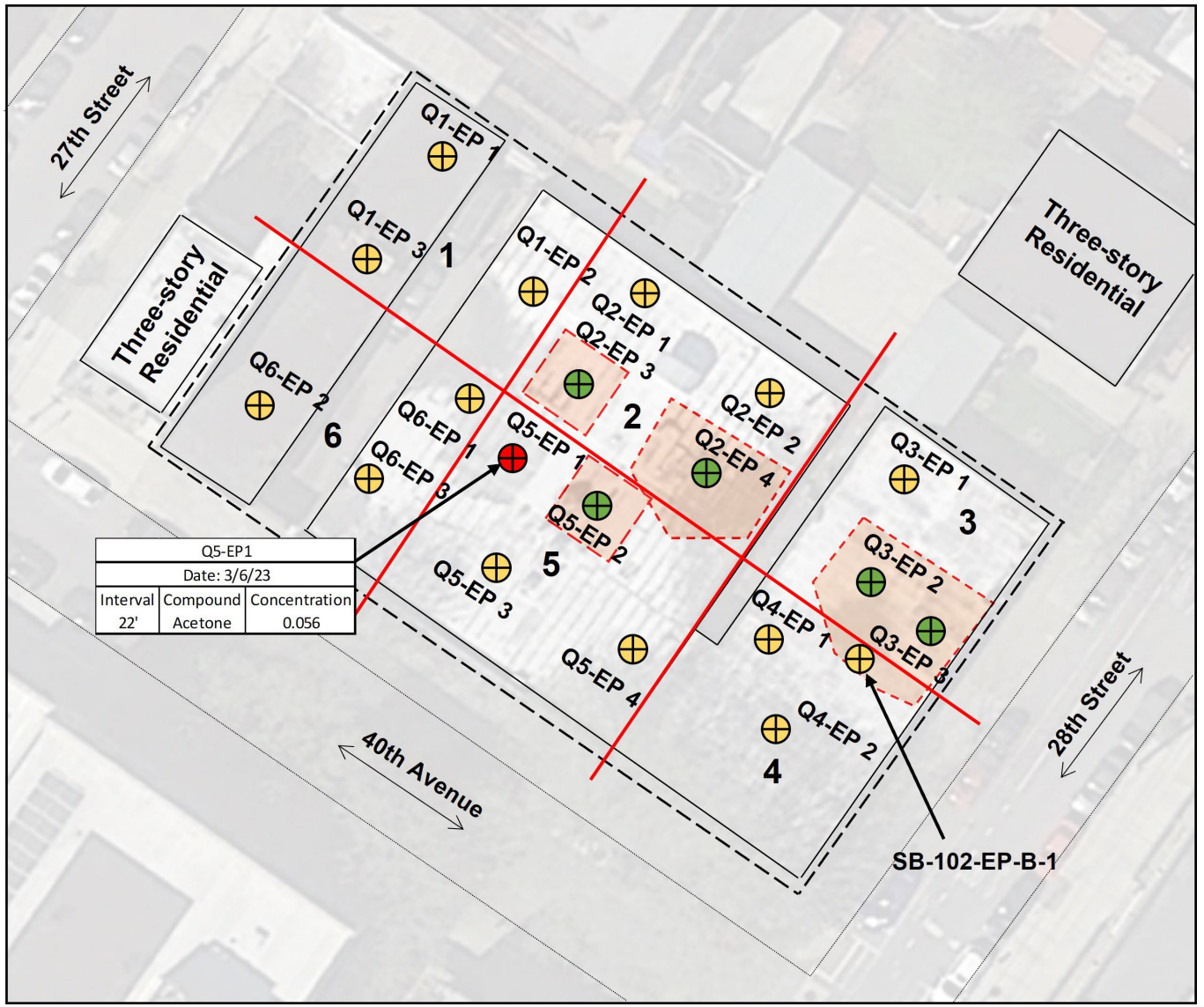
FIGURE 13.0
VERIFICATION SAMPLE LOCATIONS

27-09 40th Avenue,
Long Island City, NY

PROJECT: 19-401
DRAWING DATE: 06-12-23
DRAWN BY: EB
CHECKED BY: JB
REVISIONS: N/A

KEY

- Composite sample
- Soil sample location
- PFAS soil sample location
- Quadrant boundary
- Site boundary



Laurel ENVIRONMENTAL GEOSCIENCES DPC

53 West Hills Road
Huntington Station, NY 11746

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

WWW.LAURELENV.COM

FIGURE 14.0
EXCAVATION ENDPOINT SAMPLING LOCATIONS

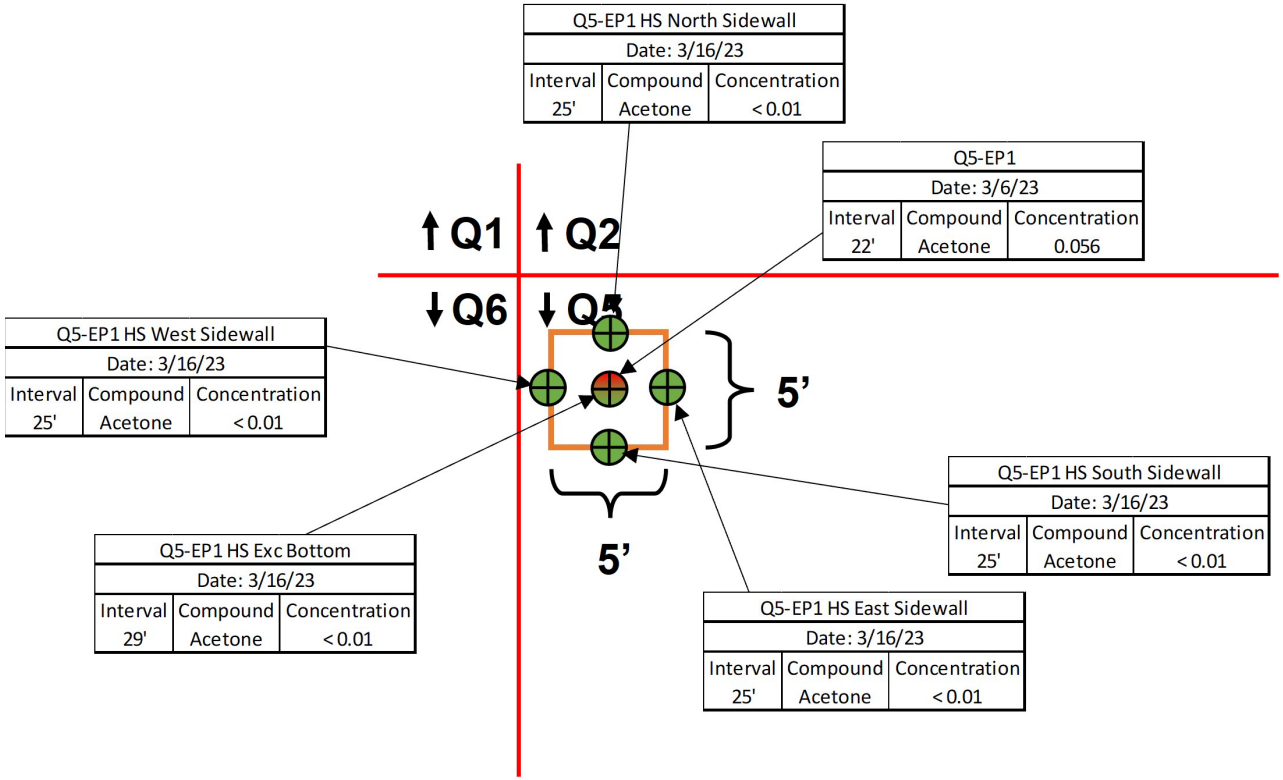
27-09 40th Avenue,
Long Island City, NY

PROJECT: 19-401
DRAWING DATE: 3-24-23
DRAWN BY: JB
CHECKED BY: SY
REVISIONS: 12-28-22

KEY
- Soil sample location
- Soil sample with PFAS analysis
- Soil sample with UUSCO exceedance
- Area of hazardous waste
- Quadrant boundary
- Site boundary

- Concentrations of Acetone shown are in mg/kg
- NYSDEC Part 375 Unrestricted Use SCO for Acetone is 0.05 mg/kg

Sketch orientated “site north”
Q5-EP1 Hotspot excavation area
Excavated to 27’ bgs
~6 yards, ~9 tons



Laurel ENVIRONMENTAL GEOSCIENCES DPC

53 West Hills Road
Huntington Station, NY 11746

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

WWW.LAURELENV.COM

FIGURE 15.0
Q5-EP1 HOTSPOT EXCAVATION AND SAMPLE LOCATIONS

27-09 40th Avenue,
Long Island City, NY

PROJECT: 19-401
DRAWING DATE: 3-24-23
DRAWN BY: JB
CHECKED BY: SY
REVISIONS: 12-28-22

KEY

- Clean soil sample location
- Soil sample with historic exceedance
- Actual excavation boundary
- Quadrant boundary

- Concentrations of Acetone shown are in mg/kg
- NYSDEC Part 375 Unrestricted Use SCO for Acetone is 0.05 mg/kg

APPENDIX A

Waste Characterization 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: 06/04/2021
Client Project ID: 27-09 40th Avenue, LIC, NY
York Project (SDG) No.: 21E1205

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

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: 06/04/2021
Client Project ID: 27-09 40th Avenue, LIC, NY
York Project (SDG) No.: 21E1205

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 May 27, 2021 and listed below. The project was identified as your project: **27-09 40th Avenue, LIC, NY**.

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
21E1205-01	WC-HF-Q3-1	Soil	05/26/2021	05/27/2021
21E1205-02	WC-HF-Q3-2	Soil	05/26/2021	05/27/2021
21E1205-03	WC-HF-Q3-3	Soil	05/26/2021	05/27/2021
21E1205-04	WC-HF-Q3-4	Soil	05/26/2021	05/27/2021
21E1205-05	WC-HF-Q3-5	Soil	05/26/2021	05/27/2021
21E1205-06	WC-HF-Q4-1	Soil	05/26/2021	05/27/2021
21E1205-07	WC-HF-Q4-2	Soil	05/26/2021	05/27/2021
21E1205-08	WC-HF-Q4-3	Soil	05/26/2021	05/27/2021
21E1205-09	WC-HF-Q4-4	Soil	05/26/2021	05/27/2021
21E1205-10	WC-HF-Q4-5	Soil	05/26/2021	05/27/2021
21E1205-11	WC-PCE-Q3-4'	Soil	05/26/2021	05/27/2021
21E1205-12	WC-PCE-Q3-11-12'	Soil	05/26/2021	05/27/2021
21E1205-13	WC-PCE-Q3-26'	Soil	05/26/2021	05/27/2021
21E1205-14	WC-PCE-Q3-15-30'	Soil	05/26/2021	05/27/2021
21E1205-15	WC-PCE-Q4-3'	Soil	05/26/2021	05/27/2021
21E1205-16	WC-PCE-Q4-7'	Soil	05/26/2021	05/27/2021
21E1205-18	WC-PCE-Q4-12'	Soil	05/26/2021	05/27/2021
21E1205-20	WC-CS-Q3-7'	Soil	05/26/2021	05/27/2021
21E1205-22	WC-CS-Q3-13'	Soil	05/26/2021	05/27/2021
21E1205-24	WC-CS-Q3-18'	Soil	05/26/2021	05/27/2021
21E1205-25	WC-CS-Q3-23'	Soil	05/26/2021	05/27/2021
21E1205-27	WC-CS-Q4-7'	Soil	05/26/2021	05/27/2021

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
21E1205-29	WC-CS-Q4-12'	Soil	05/26/2021	05/27/2021
21E1205-31	WC-CS-Q4-17'	Soil	05/26/2021	05/27/2021
21E1205-32	WC-CS-Q4-22'	Soil	05/26/2021	05/27/2021

General Notes for York Project (SDG) No.: 21E1205

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

Approved By: 

Date: 06/04/2021

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: WC-HF-Q3-1 **York Sample ID:** 21E1205-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 11:10 am	05/27/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	YG
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:32 NELAC-NY10854,NELAC-NY12058,NJDEP	YG
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
123-91-1	1,4-Dioxane	ND		ug/kg dry	48	96	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
78-93-3	2-Butanone	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
591-78-6	2-Hexanone	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG

Sample Information

Client Sample ID: WC-HF-Q3-1 **York Sample ID:** 21E1205-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 11:10 am	05/27/2021

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		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
67-64-1	Acetone	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
107-02-8	Acrolein	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
107-13-1	Acrylonitrile	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
71-43-2	Benzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
74-97-5	Bromochloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-25-2	Bromoform	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
74-83-9	Bromomethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-15-0	Carbon disulfide	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-90-7	Chlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-00-3	Chloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
67-66-3	Chloroform	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
74-87-3	Chloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
110-82-7	Cyclohexane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
74-95-3	Dibromomethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG

Sample Information

Client Sample ID: WC-HF-Q3-1 **York Sample ID:** 21E1205-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 11:10 am	05/27/2021

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		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
79-20-9	Methyl acetate	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-09-2	**Methylene chloride**	**46**	SCAL-E	ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
95-47-6	o-Xylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:32 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	YG
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:32 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	YG
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
100-42-5	Styrene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.4	24	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
127-18-4	**Tetrachloroethylene**	**6.5**		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-88-3	**Toluene**	**9.4**		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:32 CTDOH	YG
79-01-6	Trichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.2	14	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	YG

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: WC-HF-Q3-1 **York Sample ID:** 21E1205-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 11:10 am	05/27/2021

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*	*104 %*			*77-125*						
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*105 %*			*76-130*						

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**97.9**		%	0.100	1	SM 2540G	05/28/2021 15:11	06/01/2021 09:26	OT
							Certifications: CTDOH			

Sample Information

Client Sample ID: WC-HF-Q3-2 **York Sample ID:** 21E1205-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 10:30 am	05/27/2021

Volatile Organics, 8260 - Comprehensive

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	05/28/2021 09:00	05/28/2021 15:58	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	05/28/2021 09:00	05/28/2021 15:58	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	05/28/2021 09:00	05/28/2021 15:58	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	05/28/2021 09:00	05/28/2021 15:58	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	05/28/2021 09:00	05/28/2021 15:58	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	05/28/2021 09:00	05/28/2021 15:58	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	05/28/2021 09:00	05/28/2021 15:58	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	05/28/2021 09:00	05/28/2021 15:58	YG
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	05/28/2021 09:00	05/28/2021 15:58	YG
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP			

Sample Information

Client Sample ID: WC-HF-Q3-2 **York Sample ID:** 21E1205-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 10:30 am	05/27/2021

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
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	05/28/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/28/2021 15:58	YG
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	05/28/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/28/2021 15:58	YG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	05/28/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/28/2021 15:58	YG
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	05/28/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/28/2021 15:58	YG
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	05/28/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/28/2021 15:58	YG
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	05/28/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/28/2021 15:58	YG
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	05/28/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/28/2021 15:58	YG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	05/28/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/28/2021 15:58	YG
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	05/28/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/28/2021 15:58	YG
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	05/28/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/28/2021 15:58	YG
123-91-1	1,4-Dioxane	ND		ug/kg dry	52	100	1	EPA 8260C Certifications:	05/28/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/28/2021 15:58	YG
78-93-3	2-Butanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	05/28/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/28/2021 15:58	YG
591-78-6	2-Hexanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	05/28/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/28/2021 15:58	YG
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	05/28/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/28/2021 15:58	YG
67-64-1	**Acetone**	**8.7**	CCV-E, ICV-E, J	ug/kg dry	5.2	10	1	EPA 8260C Certifications:	05/28/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/28/2021 15:58	YG
107-02-8	Acrolein	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications:	05/28/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/28/2021 15:58	YG
107-13-1	Acrylonitrile	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	05/28/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/28/2021 15:58	YG
71-43-2	Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	05/28/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/28/2021 15:58	YG
74-97-5	Bromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	05/28/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/28/2021 15:58	YG
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	05/28/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/28/2021 15:58	YG
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	05/28/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/28/2021 15:58	YG
74-83-9	Bromomethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	05/28/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/28/2021 15:58	YG
75-15-0	Carbon disulfide	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	05/28/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/28/2021 15:58	YG

Sample Information

Client Sample ID: WC-HF-Q3-2 **York Sample ID:** 21E1205-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 10:30 am	05/27/2021

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
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-00-3	Chloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
74-87-3	Chloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
110-82-7	Cyclohexane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:58 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:58 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
74-95-3	Dibromomethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:58 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:58 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:58 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
79-20-9	Methyl acetate	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:58 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:58 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-09-2	**Methylene chloride**	**29**	SCAL-E	ug/kg dry	5.2	10	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:58 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	YG
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:58 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	YG
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 15:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG

Sample Information

Client Sample ID: WC-HF-Q3-2 **York Sample ID:** 21E1205-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 10:30 am	05/27/2021

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
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	05/28/2021 09:00	05/28/2021 15:58	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	05/28/2021 09:00	05/28/2021 15:58	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.6	26	1	EPA 8260C	05/28/2021 09:00	05/28/2021 15:58	YG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	05/28/2021 09:00	05/28/2021 15:58	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	**Tetrachloroethylene**	**7.3**		ug/kg dry	2.6	5.2	1	EPA 8260C	05/28/2021 09:00	05/28/2021 15:58	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	05/28/2021 09:00	05/28/2021 15:58	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	05/28/2021 09:00	05/28/2021 15:58	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	05/28/2021 09:00	05/28/2021 15:58	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	05/28/2021 09:00	05/28/2021 15:58	YG
								Certifications:	CTDOH		
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	05/28/2021 09:00	05/28/2021 15:58	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	05/28/2021 09:00	05/28/2021 15:58	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	05/28/2021 09:00	05/28/2021 15:58	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.8	16	1	EPA 8260C	05/28/2021 09:00	05/28/2021 15:58	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*76-130*

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**97.6**		%	0.100	1	SM 2540G	05/28/2021 15:11	06/01/2021 09:26	OT
							Certifications:	CTDOH		

Sample Information

Client Sample ID: WC-HF-Q3-3 **York Sample ID:** 21E1205-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 10:40 am	05/27/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 16:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 16:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 16:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 16:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	YG
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 16:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 16:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 16:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 16:23 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 16:23 NELAC-NY10854,NELAC-NY12058,NJDEP	YG
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 16:23 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 16:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 16:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 16:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 16:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 16:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 16:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 16:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 16:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 16:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
123-91-1	1,4-Dioxane	ND		ug/kg dry	44	88	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 16:23 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
78-93-3	2-Butanone	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 16:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
591-78-6	2-Hexanone	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 16:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 16:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG

Sample Information

Client Sample ID: WC-HF-Q3-3 **York Sample ID:** 21E1205-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 10:40 am	05/27/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	**Acetone**	**8.3**	CCV-E, ICV-E, J	ug/kg dry	4.4	8.8	1	EPA 8260C	05/28/2021 09:00	05/28/2021 16:23	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/kg dry	4.4	8.8	1	EPA 8260C	05/28/2021 09:00	05/28/2021 16:23	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/28/2021 09:00	05/28/2021 16:23	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/28/2021 09:00	05/28/2021 16:23	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/28/2021 09:00	05/28/2021 16:23	YG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/28/2021 09:00	05/28/2021 16:23	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/28/2021 09:00	05/28/2021 16:23	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/28/2021 09:00	05/28/2021 16:23	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/28/2021 09:00	05/28/2021 16:23	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/28/2021 09:00	05/28/2021 16:23	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/28/2021 09:00	05/28/2021 16:23	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/28/2021 09:00	05/28/2021 16:23	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/28/2021 09:00	05/28/2021 16:23	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/28/2021 09:00	05/28/2021 16:23	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/28/2021 09:00	05/28/2021 16:23	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/28/2021 09:00	05/28/2021 16:23	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/28/2021 09:00	05/28/2021 16:23	YG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/28/2021 09:00	05/28/2021 16:23	YG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/28/2021 09:00	05/28/2021 16:23	YG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/28/2021 09:00	05/28/2021 16:23	YG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/28/2021 09:00	05/28/2021 16:23	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/28/2021 09:00	05/28/2021 16:23	YG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/28/2021 09:00	05/28/2021 16:23	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: WC-HF-Q3-3 **York Sample ID:** 21E1205-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 10:40 am	05/27/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/28/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/28/2021 16:23	YG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/28/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/28/2021 16:23	YG
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/28/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/28/2021 16:23	YG
75-09-2	**Methylene chloride**	**23**	SCAL-E	ug/kg dry	4.4	8.8	1	EPA 8260C Certifications:	05/28/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/28/2021 16:23	YG
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/28/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/28/2021 16:23	YG
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/28/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/28/2021 16:23	YG
95-47-6	o-Xylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/28/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/28/2021 16:23	YG
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.4	8.8	1	EPA 8260C Certifications:	05/28/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/28/2021 16:23	YG
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/28/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/28/2021 16:23	YG
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/28/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/28/2021 16:23	YG
100-42-5	Styrene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/28/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/28/2021 16:23	YG
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.2	22	1	EPA 8260C Certifications:	05/28/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/28/2021 16:23	YG
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/28/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/28/2021 16:23	YG
127-18-4	**Tetrachloroethylene**	**130**		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/28/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/28/2021 16:23	YG
108-88-3	Toluene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/28/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/28/2021 16:23	YG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/28/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/28/2021 16:23	YG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/28/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/28/2021 16:23	YG
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/28/2021 09:00 CTDOH	05/28/2021 16:23	YG
79-01-6	Trichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/28/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/28/2021 16:23	YG
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/28/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/28/2021 16:23	YG
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/28/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/28/2021 16:23	YG
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.6	13	1	EPA 8260C Certifications:	05/28/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/28/2021 16:23	YG

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*77-125*

Sample Information

Client Sample ID: WC-HF-Q3-3 **York Sample ID:** 21E1205-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 10:40 am	05/27/2021

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*	*101 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*107 %*			*76-130*						

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**88.7**		%	0.100	1	SM 2540G Certifications: CTDOH	05/28/2021 15:11	06/01/2021 09:26	OT

Sample Information

Client Sample ID: WC-HF-Q3-4 **York Sample ID:** 21E1205-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 11:00 am	05/27/2021

Volatile Organics, 8260 - Comprehensive

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/28/2021 09:00	05/28/2021 16:48	YG
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/28/2021 09:00	05/28/2021 16:48	YG
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/28/2021 09:00	05/28/2021 16:48	YG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/28/2021 09:00	05/28/2021 16:48	YG
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/28/2021 09:00	05/28/2021 16:48	YG
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/28/2021 09:00	05/28/2021 16:48	YG
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/28/2021 09:00	05/28/2021 16:48	YG
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/28/2021 09:00	05/28/2021 16:48	YG
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	05/28/2021 09:00	05/28/2021 16:48	YG
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/28/2021 09:00	05/28/2021 16:48	YG

Sample Information

Client Sample ID: WC-HF-Q3-4 **York Sample ID:** 21E1205-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 11:00 am	05/27/2021

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		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 16:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 16:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 16:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 16:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 16:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 16:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 16:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 16:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 16:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
123-91-1	1,4-Dioxane	ND		ug/kg dry	44	88	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 16:48 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
78-93-3	2-Butanone	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 16:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
591-78-6	2-Hexanone	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 16:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 16:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
67-64-1	**Acetone**	**8.1**	CCV-E, ICV-E, J	ug/kg dry	4.4	8.8	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 16:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
107-02-8	Acrolein	ND		ug/kg dry	4.4	8.8	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 16:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
107-13-1	Acrylonitrile	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 16:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
71-43-2	Benzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 16:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
74-97-5	Bromochloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 16:48 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 16:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-25-2	Bromoform	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 16:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
74-83-9	Bromomethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 16:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-15-0	Carbon disulfide	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 16:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/28/2021 09:00	05/28/2021 16:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG

Sample Information

Client Sample ID: WC-HF-Q3-4 **York Sample ID:** 21E1205-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 11:00 am	05/27/2021

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		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/28/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/28/2021 16:48	YG
75-00-3	Chloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/28/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/28/2021 16:48	YG
67-66-3	Chloroform	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/28/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/28/2021 16:48	YG
74-87-3	Chloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/28/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/28/2021 16:48	YG
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/28/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/28/2021 16:48	YG
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/28/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/28/2021 16:48	YG
110-82-7	Cyclohexane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/28/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/28/2021 16:48	YG
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/28/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/28/2021 16:48	YG
74-95-3	Dibromomethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/28/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/28/2021 16:48	YG
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/28/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/28/2021 16:48	YG
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/28/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/28/2021 16:48	YG
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/28/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/28/2021 16:48	YG
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/28/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/28/2021 16:48	YG
79-20-9	Methyl acetate	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/28/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/28/2021 16:48	YG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/28/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/28/2021 16:48	YG
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/28/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/28/2021 16:48	YG
75-09-2	**Methylene chloride**	**33**	SCAL-E	ug/kg dry	4.4	8.8	1	EPA 8260C Certifications:	05/28/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/28/2021 16:48	YG
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/28/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/28/2021 16:48	YG
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/28/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/28/2021 16:48	YG
95-47-6	o-Xylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/28/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/28/2021 16:48	YG
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.4	8.8	1	EPA 8260C Certifications:	05/28/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/28/2021 16:48	YG
99-87-6	**p-Isopropyltoluene**	**2.9**	J	ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/28/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/28/2021 16:48	YG
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	05/28/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/28/2021 16:48	YG

Sample Information

Client Sample ID: WC-HF-Q3-4 **York Sample ID:** 21E1205-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 11:00 am	05/27/2021

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		ug/kg dry	2.2	4.4	1	EPA 8260C	05/28/2021 09:00	05/28/2021 16:48	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.2	22	1	EPA 8260C	05/28/2021 09:00	05/28/2021 16:48	YG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/28/2021 09:00	05/28/2021 16:48	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	**Tetrachloroethylene**	**130000**	E	ug/kg dry	1100	2100	500	EPA 8260C	06/01/2021 09:00	06/01/2021 11:06	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/28/2021 09:00	05/28/2021 16:48	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/28/2021 09:00	05/28/2021 16:48	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/28/2021 09:00	05/28/2021 16:48	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/28/2021 09:00	05/28/2021 16:48	YG
								Certifications:	CTDOH		
79-01-6	Trichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/28/2021 09:00	05/28/2021 16:48	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/28/2021 09:00	05/28/2021 16:48	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	05/28/2021 09:00	05/28/2021 16:48	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.6	13	1	EPA 8260C	05/28/2021 09:00	05/28/2021 16:48	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*106 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*106 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**86.5**		%	0.100	1	SM 2540G	05/28/2021 15:11	06/01/2021 09:26	OT
							Certifications:	CTDOH		

Sample Information

Client Sample ID: WC-HF-Q3-5 **York Sample ID:** 21E1205-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 10:50 am	05/27/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 11:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 11:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 11:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 11:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	YG
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 11:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 11:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 11:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 11:33 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 11:33 NELAC-NY10854,NELAC-NY12058,NJDEP	YG
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 11:33 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 11:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 11:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 11:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 11:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 11:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 11:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 11:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 11:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 11:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
123-91-1	1,4-Dioxane	ND		ug/kg dry	49	97	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 11:33 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
78-93-3	2-Butanone	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 11:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
591-78-6	2-Hexanone	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 11:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 11:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG

Sample Information

Client Sample ID: WC-HF-Q3-5 **York Sample ID:** 21E1205-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 10:50 am	05/27/2021

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		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 11:33	YG
107-02-8	Acrolein	ND		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 11:33	YG
107-13-1	Acrylonitrile	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 11:33	YG
71-43-2	Benzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 11:33	YG
74-97-5	Bromochloromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/01/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 11:33	YG
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 11:33	YG
75-25-2	Bromoform	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 11:33	YG
74-83-9	Bromomethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 11:33	YG
75-15-0	Carbon disulfide	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 11:33	YG
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 11:33	YG
108-90-7	Chlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 11:33	YG
75-00-3	Chloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 11:33	YG
67-66-3	Chloroform	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 11:33	YG
74-87-3	Chloromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 11:33	YG
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 11:33	YG
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 11:33	YG
110-82-7	Cyclohexane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/01/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 11:33	YG
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/01/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 11:33	YG
74-95-3	Dibromomethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/01/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 11:33	YG
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/01/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 11:33	YG
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 11:33	YG
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/01/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 11:33	YG
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 11:33	YG

Sample Information

Client Sample ID: WC-HF-Q3-5 **York Sample ID:** 21E1205-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 10:50 am	05/27/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/01/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 11:33	YG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 11:33	YG
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/01/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 11:33	YG
75-09-2	**Methylene chloride**	**15**		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 11:33	YG
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 11:33	YG
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 11:33	YG
95-47-6	o-Xylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	06/01/2021 11:33	YG
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	06/01/2021 11:33	YG
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 11:33	YG
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 11:33	YG
100-42-5	Styrene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 11:33	YG
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/01/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 11:33	YG
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 11:33	YG
127-18-4	**Tetrachloroethylene**	**13**		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 11:33	YG
108-88-3	Toluene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 11:33	YG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 11:33	YG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 11:33	YG
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH	06/01/2021 11:33	YG
79-01-6	Trichloroethylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 11:33	YG
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 11:33	YG
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 11:33	YG
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.3	15	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	06/01/2021 11:33	YG

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*109 %*	*77-125*

Sample Information

Client Sample ID: WC-HF-Q3-5 **York Sample ID:** 21E1205-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 10:50 am	05/27/2021

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*	*96.7 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*95.9 %*			*76-130*						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**97.1**		%	0.100	1	SM 2540G	05/28/2021 15:11	06/01/2021 09:26	OT
							Certifications: CTDOH			

Sample Information

Client Sample ID: WC-HF-Q4-1 **York Sample ID:** 21E1205-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 1:35 pm	05/27/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	06/01/2021 09:00	06/01/2021 12:01	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	06/01/2021 09:00	06/01/2021 12:01	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	06/01/2021 09:00	06/01/2021 12:01	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	06/01/2021 09:00	06/01/2021 12:01	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	06/01/2021 09:00	06/01/2021 12:01	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	06/01/2021 09:00	06/01/2021 12:01	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	06/01/2021 09:00	06/01/2021 12:01	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	06/01/2021 09:00	06/01/2021 12:01	YG
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	06/01/2021 09:00	06/01/2021 12:01	YG
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	06/01/2021 09:00	06/01/2021 12:01	YG
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			

Sample Information

Client Sample ID: WC-HF-Q4-1 **York Sample ID:** 21E1205-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 1:35 pm	05/27/2021

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		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
123-91-1	1,4-Dioxane	ND		ug/kg dry	52	100	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:01 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
78-93-3	2-Butanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
591-78-6	2-Hexanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
67-64-1	**Acetone**	**7.9**	J	ug/kg dry	5.2	10	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
107-02-8	Acrolein	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
107-13-1	Acrylonitrile	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
71-43-2	Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
74-97-5	Bromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:01 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
74-83-9	Bromomethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-15-0	Carbon disulfide	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG

Sample Information

Client Sample ID: WC-HF-Q4-1 **York Sample ID:** 21E1205-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 1:35 pm	05/27/2021

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		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 12:01	YG
75-00-3	Chloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 12:01	YG
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 12:01	YG
74-87-3	Chloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 12:01	YG
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 12:01	YG
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 12:01	YG
110-82-7	Cyclohexane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 12:01	YG
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 12:01	YG
74-95-3	Dibromomethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 12:01	YG
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 12:01	YG
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 12:01	YG
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 12:01	YG
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 12:01	YG
79-20-9	Methyl acetate	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 12:01	YG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 12:01	YG
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 12:01	YG
75-09-2	**Methylene chloride**	**12**		ug/kg dry	5.2	10	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 12:01	YG
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 12:01	YG
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 12:01	YG
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	06/01/2021 12:01	YG
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	06/01/2021 12:01	YG
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 12:01	YG
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 12:01	YG

Sample Information

Client Sample ID: WC-HF-Q4-1 **York Sample ID:** 21E1205-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 1:35 pm	05/27/2021

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		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 12:01	YG
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 12:01	YG
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 12:01	YG
127-18-4	**Tetrachloroethylene**	**6.8**		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 12:01	YG
108-88-3	Toluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 12:01	YG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 12:01	YG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 12:01	YG
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH	06/01/2021 12:01	YG
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 12:01	YG
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 12:01	YG
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 12:01	YG
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.7	15	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	06/01/2021 12:01	YG

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*109 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.6 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.0 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**96.1**		%	0.100	1	SM 2540G Certifications: CTDOH	05/28/2021 15:11	06/01/2021 09:26	OT

Sample Information

Client Sample ID: WC-HF-Q4-2 **York Sample ID:** 21E1205-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 1:40 pm	05/27/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:29 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:29 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:29 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:29 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	YG
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:29 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:29 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:29 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:29 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:29 NELAC-NY10854,NELAC-NY12058,NJDEP	YG
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:29 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:29 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:29 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:29 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:29 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:29 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:29 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:29 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:29 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:29 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
123-91-1	1,4-Dioxane	ND		ug/kg dry	50	100	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:29 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
78-93-3	2-Butanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:29 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
591-78-6	2-Hexanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:29 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:29 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG

Sample Information

Client Sample ID: WC-HF-Q4-2 **York Sample ID:** 21E1205-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 1:40 pm	05/27/2021

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		ug/kg dry	5.0	10	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:29	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-02-8	Acrolein	ND		ug/kg dry	5.0	10	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:29	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-13-1	Acrylonitrile	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:29	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
71-43-2	Benzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:29	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:29	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:29	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-25-2	Bromoform	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:29	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-83-9	Bromomethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:29	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-15-0	Carbon disulfide	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:29	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:29	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-90-7	Chlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:29	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-00-3	Chloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:29	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-66-3	Chloroform	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:29	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-87-3	Chloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:29	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:29	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:29	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-82-7	Cyclohexane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:29	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:29	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:29	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:29	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:29	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:29	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:29	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: WC-HF-Q4-2 **York Sample ID:** 21E1205-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 1:40 pm	05/27/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/01/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 12:29	YG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 12:29	YG
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/01/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 12:29	YG
75-09-2	**Methylene chloride**	**14**		ug/kg dry	5.0	10	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 12:29	YG
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 12:29	YG
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 12:29	YG
95-47-6	o-Xylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	06/01/2021 12:29	YG
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.0	10	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	06/01/2021 12:29	YG
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 12:29	YG
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 12:29	YG
100-42-5	Styrene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 12:29	YG
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/01/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 12:29	YG
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 12:29	YG
127-18-4	**Tetrachloroethylene**	**3.6**	J	ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 12:29	YG
108-88-3	Toluene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 12:29	YG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 12:29	YG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 12:29	YG
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH	06/01/2021 12:29	YG
79-01-6	Trichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 12:29	YG
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 12:29	YG
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 12:29	YG
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	06/01/2021 12:29	YG

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*107 %*	*77-125*

Sample Information

Client Sample ID: WC-HF-Q4-2 **York Sample ID:** 21E1205-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 1:40 pm	05/27/2021

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*	*96.5 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*93.5 %*			*76-130*						

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**98.4**		%	0.100	1	SM 2540G	05/28/2021 15:11	06/01/2021 09:26	OT
							Certifications: CTDOH			

Sample Information

Client Sample ID: WC-HF-Q4-3 **York Sample ID:** 21E1205-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 1:45 pm	05/27/2021

Volatile Organics, 8260 - Comprehensive

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	06/01/2021 09:00	06/01/2021 12:56	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	06/01/2021 09:00	06/01/2021 12:56	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	06/01/2021 09:00	06/01/2021 12:56	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	06/01/2021 09:00	06/01/2021 12:56	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	06/01/2021 09:00	06/01/2021 12:56	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	06/01/2021 09:00	06/01/2021 12:56	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	06/01/2021 09:00	06/01/2021 12:56	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	06/01/2021 09:00	06/01/2021 12:56	YG
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	06/01/2021 09:00	06/01/2021 12:56	YG
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	06/01/2021 09:00	06/01/2021 12:56	YG
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			

Sample Information

Client Sample ID: WC-HF-Q4-3 **York Sample ID:** 21E1205-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 1:45 pm	05/27/2021

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		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
123-91-1	1,4-Dioxane	ND		ug/kg dry	47	94	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
78-93-3	2-Butanone	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
591-78-6	2-Hexanone	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
67-64-1	Acetone	ND		ug/kg dry	4.7	9.4	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
107-02-8	Acrolein	ND		ug/kg dry	4.7	9.4	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
107-13-1	Acrylonitrile	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
71-43-2	Benzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
74-97-5	Bromochloromethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-25-2	Bromoform	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
74-83-9	Bromomethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-15-0	Carbon disulfide	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG

Sample Information

Client Sample ID: WC-HF-Q4-3 **York Sample ID:** 21E1205-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 1:45 pm	05/27/2021

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		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-00-3	Chloroethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
67-66-3	Chloroform	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
74-87-3	Chloromethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
110-82-7	Cyclohexane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
74-95-3	Dibromomethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
79-20-9	Methyl acetate	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-09-2	**Methylene chloride**	**12**		ug/kg dry	4.7	9.4	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
95-47-6	o-Xylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:56 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	YG
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.7	9.4	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:56 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	YG
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 12:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG

Sample Information

Client Sample ID: WC-HF-Q4-3 **York Sample ID:** 21E1205-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 1:45 pm	05/27/2021

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		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 12:56	YG
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 12:56	YG
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 12:56	YG
127-18-4	**Tetrachloroethylene**	**4.8**		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 12:56	YG
108-88-3	Toluene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 12:56	YG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 12:56	YG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 12:56	YG
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH	06/01/2021 12:56	YG
79-01-6	Trichloroethylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 12:56	YG
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 12:56	YG
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 12:56	YG
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.0	14	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	06/01/2021 12:56	YG

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*107 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.6 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*93.0 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**97.2**		%	0.100	1	SM 2540G Certifications: CTDOH	05/28/2021 15:11	06/01/2021 09:26	OT

Sample Information

Client Sample ID: WC-HF-Q4-4 **York Sample ID:** 21E1205-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 1:55 pm	05/27/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 13:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 13:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 13:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 13:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	YG
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 13:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 13:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 13:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 13:24 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 13:24 NELAC-NY10854,NELAC-NY12058,NJDEP	YG
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 13:24 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 13:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 13:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 13:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 13:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 13:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 13:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 13:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 13:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 13:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
123-91-1	1,4-Dioxane	ND		ug/kg dry	52	100	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 13:24 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
78-93-3	2-Butanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 13:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
591-78-6	2-Hexanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 13:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 13:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG

Sample Information

Client Sample ID: WC-HF-Q4-4 **York Sample ID:** 21E1205-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 1:55 pm	05/27/2021

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		ug/kg dry	5.2	10	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 13:24	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-02-8	Acrolein	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 13:24	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-13-1	Acrylonitrile	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 13:24	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
71-43-2	Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 13:24	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 13:24	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 13:24	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 13:24	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-83-9	Bromomethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 13:24	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-15-0	Carbon disulfide	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 13:24	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 13:24	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 13:24	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-00-3	Chloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 13:24	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 13:24	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-87-3	Chloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 13:24	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 13:24	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 13:24	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-82-7	Cyclohexane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 13:24	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 13:24	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 13:24	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 13:24	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 13:24	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 13:24	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 13:24	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: WC-HF-Q4-4 **York Sample ID:** 21E1205-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 1:55 pm	05/27/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 13:24	YG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 13:24	YG
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 13:24	YG
75-09-2	**Methylene chloride**	**12**		ug/kg dry	5.2	10	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 13:24	YG
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 13:24	YG
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 13:24	YG
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	06/01/2021 13:24	YG
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	06/01/2021 13:24	YG
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 13:24	YG
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 13:24	YG
100-42-5	Styrene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 13:24	YG
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 13:24	YG
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 13:24	YG
127-18-4	**Tetrachloroethylene**	**54**		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 13:24	YG
108-88-3	Toluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 13:24	YG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 13:24	YG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 13:24	YG
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH	06/01/2021 13:24	YG
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 13:24	YG
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 13:24	YG
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 13:24	YG
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.8	16	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	06/01/2021 13:24	YG

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*108 %*	*77-125*

Sample Information

Client Sample ID: WC-HF-Q4-4 **York Sample ID:** 21E1205-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 1:55 pm	05/27/2021

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*	*97.4 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*94.5 %*			*76-130*						

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**88.2**		%	0.100	1	SM 2540G	05/28/2021 15:11	06/01/2021 09:26	OT
							Certifications: CTDOH			

Sample Information

Client Sample ID: WC-HF-Q4-5 **York Sample ID:** 21E1205-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 1:50 pm	05/27/2021

Volatile Organics, 8260 - Comprehensive

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/01/2021 09:00	06/01/2021 13:52	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/01/2021 09:00	06/01/2021 13:52	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/01/2021 09:00	06/01/2021 13:52	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/01/2021 09:00	06/01/2021 13:52	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/01/2021 09:00	06/01/2021 13:52	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/01/2021 09:00	06/01/2021 13:52	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/01/2021 09:00	06/01/2021 13:52	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/01/2021 09:00	06/01/2021 13:52	YG
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/01/2021 09:00	06/01/2021 13:52	YG
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/01/2021 09:00	06/01/2021 13:52	YG
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			

Sample Information

Client Sample ID: WC-HF-Q4-5 **York Sample ID:** 21E1205-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 1:50 pm	05/27/2021

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		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 13:52 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 13:52 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 13:52 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 13:52 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 13:52 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 13:52 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 13:52 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 13:52 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 13:52 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
123-91-1	1,4-Dioxane	ND		ug/kg dry	58	120	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 13:52 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
78-93-3	2-Butanone	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 13:52 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
591-78-6	2-Hexanone	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 13:52 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 13:52 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
67-64-1	Acetone	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 13:52 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
107-02-8	Acrolein	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 13:52 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
107-13-1	Acrylonitrile	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 13:52 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
71-43-2	Benzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 13:52 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
74-97-5	Bromochloromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 13:52 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 13:52 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-25-2	Bromoform	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 13:52 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
74-83-9	Bromomethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 13:52 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-15-0	Carbon disulfide	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 13:52 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 13:52 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG

Sample Information

Client Sample ID: WC-HF-Q4-5 **York Sample ID:** 21E1205-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 1:50 pm	05/27/2021

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		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 13:52	YG
75-00-3	Chloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 13:52	YG
67-66-3	Chloroform	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 13:52	YG
74-87-3	Chloromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 13:52	YG
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 13:52	YG
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 13:52	YG
110-82-7	Cyclohexane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 13:52	YG
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 13:52	YG
74-95-3	Dibromomethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 13:52	YG
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 13:52	YG
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 13:52	YG
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 13:52	YG
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 13:52	YG
79-20-9	Methyl acetate	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 13:52	YG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 13:52	YG
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 13:52	YG
75-09-2	**Methylene chloride**	**13**		ug/kg dry	5.8	12	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 13:52	YG
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 13:52	YG
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 13:52	YG
95-47-6	o-Xylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	06/01/2021 13:52	YG
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	06/01/2021 13:52	YG
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 13:52	YG
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 13:52	YG

Sample Information

Client Sample ID: WC-HF-Q4-5 **York Sample ID:** 21E1205-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 1:50 pm	05/27/2021

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		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 13:52	YG
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 13:52	YG
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 13:52	YG
127-18-4	**Tetrachloroethylene**	**61**		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 13:52	YG
108-88-3	Toluene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 13:52	YG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 13:52	YG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 13:52	YG
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH	06/01/2021 13:52	YG
79-01-6	Trichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 13:52	YG
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 13:52	YG
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 13:52	YG
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.6	17	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	06/01/2021 13:52	YG

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*109 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.5 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*93.7 %*	*76-130*

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**96.1**		%	0.100	1	SM 2540G Certifications: CTDOH	05/28/2021 15:11	06/01/2021 09:26	OT

Sample Information

Client Sample ID: WC-PCE-Q3-4' **York Sample ID:** 21E1205-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 12:40 pm	05/27/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 14:20 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 14:20 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 14:20 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 14:20 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	YG
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 14:20 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 14:20 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 14:20 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 14:20 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 14:20 NELAC-NY10854,NELAC-NY12058,NJDEP	YG
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 14:20 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 14:20 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 14:20 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 14:20 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 14:20 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 14:20 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 14:20 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 14:20 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 14:20 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 14:20 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
123-91-1	1,4-Dioxane	ND		ug/kg dry	52	100	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 14:20 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
78-93-3	2-Butanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 14:20 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
591-78-6	2-Hexanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 14:20 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 14:20 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG

Sample Information

Client Sample ID: WC-PCE-Q3-4' **York Sample ID:** 21E1205-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 12:40 pm	05/27/2021

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		ug/kg dry	5.2	10	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 14:20	YG
107-02-8	Acrolein	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 14:20	YG
107-13-1	Acrylonitrile	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 14:20	YG
71-43-2	Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 14:20	YG
74-97-5	Bromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 14:20	YG
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 14:20	YG
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 14:20	YG
74-83-9	Bromomethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 14:20	YG
75-15-0	Carbon disulfide	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 14:20	YG
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 14:20	YG
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 14:20	YG
75-00-3	Chloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 14:20	YG
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 14:20	YG
74-87-3	Chloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 14:20	YG
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 14:20	YG
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 14:20	YG
110-82-7	Cyclohexane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 14:20	YG
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 14:20	YG
74-95-3	Dibromomethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 14:20	YG
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 14:20	YG
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 14:20	YG
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 14:20	YG
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 14:20	YG

Sample Information

Client Sample ID: WC-PCE-Q3-4' **York Sample ID:** 21E1205-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 12:40 pm	05/27/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 14:20	YG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 14:20	YG
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 14:20	YG
75-09-2	Methylene chloride	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 14:20	YG
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 14:20	YG
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 14:20	YG
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	06/01/2021 14:20	YG
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	06/01/2021 14:20	YG
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 14:20	YG
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 14:20	YG
100-42-5	Styrene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 14:20	YG
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 14:20	YG
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 14:20	YG
127-18-4	**Tetrachloroethylene**	**130**		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 14:20	YG
108-88-3	Toluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 14:20	YG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 14:20	YG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 14:20	YG
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH	06/01/2021 14:20	YG
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 14:20	YG
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 14:20	YG
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 14:20	YG
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.8	16	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	06/01/2021 14:20	YG

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*77-125*

Sample Information

Client Sample ID: WC-PCE-Q3-4' **York Sample ID:** 21E1205-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 12:40 pm	05/27/2021

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*	*95.9 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*94.5 %*			*76-130*						

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**96.5**		%	0.100	1	SM 2540G	05/28/2021 15:11	06/01/2021 09:26	OT
							Certifications: CTDOH			

Sample Information

Client Sample ID: WC-PCE-Q3-11-12' **York Sample ID:** 21E1205-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 1:00 pm	05/27/2021

Volatile Organics, 8260 - Comprehensive

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.5	6.9	1	EPA 8260C	06/01/2021 09:00	06/01/2021 14:47	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.5	6.9	1	EPA 8260C	06/01/2021 09:00	06/01/2021 14:47	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.5	6.9	1	EPA 8260C	06/01/2021 09:00	06/01/2021 14:47	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.5	6.9	1	EPA 8260C	06/01/2021 09:00	06/01/2021 14:47	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.5	6.9	1	EPA 8260C	06/01/2021 09:00	06/01/2021 14:47	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.5	6.9	1	EPA 8260C	06/01/2021 09:00	06/01/2021 14:47	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.5	6.9	1	EPA 8260C	06/01/2021 09:00	06/01/2021 14:47	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.5	6.9	1	EPA 8260C	06/01/2021 09:00	06/01/2021 14:47	YG
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.5	6.9	1	EPA 8260C	06/01/2021 09:00	06/01/2021 14:47	YG
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.5	6.9	1	EPA 8260C	06/01/2021 09:00	06/01/2021 14:47	YG
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			

Sample Information

Client Sample ID: WC-PCE-Q3-11-12'

York Sample ID: 21E1205-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 1:00 pm	05/27/2021

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		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 14:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 14:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 14:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 14:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 14:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 14:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 14:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 14:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 14:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
123-91-1	1,4-Dioxane	ND		ug/kg dry	69	140	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 14:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
78-93-3	2-Butanone	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 14:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
591-78-6	2-Hexanone	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 14:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 14:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
67-64-1	Acetone	ND		ug/kg dry	6.9	14	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 14:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
107-02-8	Acrolein	ND		ug/kg dry	6.9	14	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 14:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
107-13-1	Acrylonitrile	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 14:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
71-43-2	Benzene	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 14:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
74-97-5	Bromochloromethane	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 14:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 14:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-25-2	Bromoform	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 14:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
74-83-9	Bromomethane	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 14:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-15-0	Carbon disulfide	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 14:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 14:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG

Sample Information

Client Sample ID: WC-PCE-Q3-11-12'

York Sample ID: 21E1205-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 1:00 pm	05/27/2021

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		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 14:47	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-00-3	Chloroethane	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 14:47	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-66-3	Chloroform	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 14:47	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-87-3	Chloromethane	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 14:47	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 14:47	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 14:47	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-82-7	Cyclohexane	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 14:47	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 14:47	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 14:47	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 14:47	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 14:47	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 14:47	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 14:47	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
79-20-9	Methyl acetate	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 14:47	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 14:47	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-87-2	Methylcyclohexane	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 14:47	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	Methylene chloride	ND		ug/kg dry	6.9	14	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 14:47	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 14:47	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 14:47	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-47-6	o-Xylene	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 14:47	YG CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.9	14	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 14:47	YG CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 14:47	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 14:47	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: WC-PCE-Q3-11-12'

York Sample ID: 21E1205-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 1:00 pm	05/27/2021

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		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 14:47	YG
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	06/01/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 14:47	YG
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 14:47	YG
127-18-4	**Tetrachloroethylene**	**26**		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 14:47	YG
108-88-3	Toluene	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 14:47	YG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 14:47	YG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 14:47	YG
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH	06/01/2021 14:47	YG
79-01-6	Trichloroethylene	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 14:47	YG
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 14:47	YG
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 14:47	YG
1330-20-7	Xylenes, Total	ND		ug/kg dry	10	21	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	06/01/2021 14:47	YG

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*109 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.7 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*95.2 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**76.9**		%	0.100	1	SM 2540G Certifications: CTDOH	05/28/2021 15:11	06/01/2021 09:26	OT

Sample Information

Client Sample ID: WC-PCE-Q3-26' **York Sample ID:** 21E1205-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 1:20 pm	05/27/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	YG
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:15 NELAC-NY10854,NELAC-NY12058,NJDEP	YG
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
123-91-1	1,4-Dioxane	ND		ug/kg dry	47	94	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
78-93-3	2-Butanone	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
591-78-6	2-Hexanone	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG

Sample Information

Client Sample ID: WC-PCE-Q3-26' **York Sample ID:** 21E1205-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 1:20 pm	05/27/2021

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**	**22**		ug/kg dry	4.7	9.4	1	EPA 8260C	06/01/2021 09:00	06/01/2021 15:15	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/kg dry	4.7	9.4	1	EPA 8260C	06/01/2021 09:00	06/01/2021 15:15	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	06/01/2021 09:00	06/01/2021 15:15	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	06/01/2021 09:00	06/01/2021 15:15	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	06/01/2021 09:00	06/01/2021 15:15	YG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	06/01/2021 09:00	06/01/2021 15:15	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	06/01/2021 09:00	06/01/2021 15:15	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	06/01/2021 09:00	06/01/2021 15:15	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	06/01/2021 09:00	06/01/2021 15:15	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	06/01/2021 09:00	06/01/2021 15:15	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	06/01/2021 09:00	06/01/2021 15:15	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	06/01/2021 09:00	06/01/2021 15:15	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	06/01/2021 09:00	06/01/2021 15:15	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	06/01/2021 09:00	06/01/2021 15:15	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	06/01/2021 09:00	06/01/2021 15:15	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	06/01/2021 09:00	06/01/2021 15:15	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	06/01/2021 09:00	06/01/2021 15:15	YG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	06/01/2021 09:00	06/01/2021 15:15	YG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	06/01/2021 09:00	06/01/2021 15:15	YG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	06/01/2021 09:00	06/01/2021 15:15	YG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	06/01/2021 09:00	06/01/2021 15:15	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	06/01/2021 09:00	06/01/2021 15:15	YG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	06/01/2021 09:00	06/01/2021 15:15	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: WC-PCE-Q3-26' **York Sample ID:** 21E1205-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 1:20 pm	05/27/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-09-2	Methylene chloride	ND		ug/kg dry	4.7	9.4	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
95-47-6	o-Xylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:15 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	YG
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.7	9.4	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:15 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	YG
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
100-42-5	Styrene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
127-18-4	**Tetrachloroethylene**	**170**		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-88-3	Toluene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:15 CTDOH	YG
79-01-6	Trichloroethylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.0	14	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	YG

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*113 %*	*77-125*

Sample Information

Client Sample ID: WC-PCE-Q3-26' **York Sample ID:** 21E1205-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 1:20 pm	05/27/2021

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*	*97.3 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*95.5 %*			*76-130*						

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**96.7**		%	0.100	1	SM 2540G	05/28/2021 15:11	06/01/2021 09:26	OT
							Certifications: CTDOH			

Sample Information

Client Sample ID: WC-PCE-Q3-15-30' **York Sample ID:** 21E1205-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 1:30 pm	05/27/2021

Volatile Organics, TCLP RCRA List

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

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311	06/02/2021 12:30	06/02/2021 23:08	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
107-06-2	1,2-Dichloroethane	ND		ug/L	25	50	10	EPA 8260C/1311	06/02/2021 12:30	06/02/2021 23:08	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
106-46-7	1,4-Dichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311	06/02/2021 12:30	06/02/2021 23:08	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
78-93-3	2-Butanone	ND		ug/L	25	50	10	EPA 8260C/1311	06/02/2021 12:30	06/02/2021 23:08	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
71-43-2	Benzene	ND		ug/L	25	50	10	EPA 8260C/1311	06/02/2021 12:30	06/02/2021 23:08	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
56-23-5	Carbon tetrachloride	ND		ug/L	25	50	10	EPA 8260C/1311	06/02/2021 12:30	06/02/2021 23:08	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
108-90-7	Chlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311	06/02/2021 12:30	06/02/2021 23:08	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
67-66-3	Chloroform	ND		ug/L	25	50	10	EPA 8260C/1311	06/02/2021 12:30	06/02/2021 23:08	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
127-18-4	Tetrachloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311	06/02/2021 12:30	06/02/2021 23:08	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
79-01-6	Trichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311	06/02/2021 12:30	06/02/2021 23:08	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			

Sample Information

Client Sample ID: WC-PCE-Q3-15-30' **York Sample ID:** 21E1205-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 1:30 pm	05/27/2021

Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/02/2021 12:30	06/02/2021 23:08	YG

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*94.8 %*	*76-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.3 %*	*85-120*

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	6.45	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP	06/02/2021 12:47	06/03/2021 17:26	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	7.22	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 12:47	06/03/2021 17:26	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	6.54	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 12:47	06/03/2021 17:26	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	4.73	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 12:47	06/03/2021 17:26	KH
95-48-7	2-Methylphenol	ND		ug/L	1.71	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 12:47	06/03/2021 17:26	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	7.43	20.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 12:47	06/03/2021 17:26	KH
1319-77-3	Cresols, total	ND		ug/L	7.40	30.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854	06/02/2021 12:47	06/03/2021 17:26	KH
118-74-1	Hexachlorobenzene	ND		ug/L	5.91	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 12:47	06/03/2021 17:26	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	6.62	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 12:47	06/03/2021 17:26	KH
67-72-1	Hexachloroethane	ND		ug/L	7.26	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 12:47	06/03/2021 17:26	KH
98-95-3	Nitrobenzene	ND		ug/L	3.93	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 12:47	06/03/2021 17:26	KH
87-86-5	Pentachlorophenol	ND		ug/L	7.53	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 12:47	06/03/2021 17:26	KH
110-86-1	Pyridine	ND		ug/L	6.37	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 12:47	06/03/2021 17:26	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*44.5 %*	*10-90.9*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*31.4 %*	*10-69.2*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*69.2 %*	*19.2-141*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*66.4 %*	*24.8-127*

Sample Information

Client Sample ID: WC-PCE-Q3-15-30' **York Sample ID:** 21E1205-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 1:30 pm	05/27/2021

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*104 %*			*23-163*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*120 %*	S-08		*25.8-110*						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/03/2021 11:09	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/03/2021 11:09	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/03/2021 11:09	CM
309-00-2	Aldrin	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/03/2021 11:09	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/03/2021 11:09	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	06/01/2021 07:23	06/03/2021 11:09	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/03/2021 11:09	CM
57-74-9	Chlordane, total	ND		ug/kg dry	36.3	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/03/2021 11:09	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/03/2021 11:09	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/03/2021 11:09	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/03/2021 11:09	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	06/01/2021 07:23	06/03/2021 11:09	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/03/2021 11:09	CM
72-20-8	Endrin	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/03/2021 11:09	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/03/2021 11:09	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/03/2021 11:09	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/03/2021 11:09	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	06/01/2021 07:23	06/03/2021 11:09	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/03/2021 11:09	CM

Sample Information

Client Sample ID: WC-PCE-Q3-15-30' **York Sample ID:** 21E1205-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 1:30 pm	05/27/2021

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		ug/kg dry	1.82	5	EPA 8081B Certifications:	06/01/2021 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/03/2021 11:09	CM
72-43-5	Methoxychlor	ND		ug/kg dry	9.08	5	EPA 8081B Certifications:	06/01/2021 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/03/2021 11:09	CM
8001-35-2	Toxaphene	ND		ug/kg dry	91.9	5	EPA 8081B Certifications:	06/01/2021 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/03/2021 11:09	CM

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*61.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*58.8 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications:	06/01/2021 07:23 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/01/2021 16:00	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications:	06/01/2021 07:23 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/01/2021 16:00	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications:	06/01/2021 07:23 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/01/2021 16:00	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications:	06/01/2021 07:23 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/01/2021 16:00	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications:	06/01/2021 07:23 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/01/2021 16:00	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications:	06/01/2021 07:23 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/01/2021 16:00	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications:	06/01/2021 07:23 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/01/2021 16:00	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications:	06/01/2021 07:23	06/01/2021 16:00	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*63.0 %*	*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		ug/kg dry	22.1	1	EPA 8151A Certifications:	06/02/2021 06:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 16:11	BJ
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	22.1	1	EPA 8151A Certifications:	06/02/2021 06:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 16:11	BJ

Sample Information

Client Sample ID: WC-PCE-Q3-15-30' **York Sample ID:** 21E1205-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 1:30 pm	05/27/2021

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		ug/kg dry	22.1	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 06:29	06/02/2021 16:11	BJ

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*102 %*	*21-150*

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 EPH

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total EPH	ND		mg/kg dry	54.3	1	NJDEP EPH Rev 3.0 Certifications: NJDEP	05/28/2021 06:57	06/01/2021 11:31	CD

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*40.9 %*	*31.6-128*
84-15-1	*Surrogate: o-Terphenyl*	*41.0 %*	*28.7-124*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**9940**		mg/kg dry	5.54	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 08:05	06/03/2021 12:52	EM
7440-36-0	Antimony	ND		mg/kg dry	2.77	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 08:05	06/03/2021 12:52	EM
7440-38-2	Arsenic	ND		mg/kg dry	1.66	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 08:05	06/03/2021 12:52	EM
7440-39-3	**Barium**	**45.3**		mg/kg dry	2.77	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 08:05	06/03/2021 12:52	EM
7440-41-7	Beryllium	ND		mg/kg dry	0.055	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 08:05	06/03/2021 12:52	EM
7440-43-9	**Cadmium**	**0.806**		mg/kg dry	0.332	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 08:05	06/03/2021 12:52	EM
7440-70-2	**Calcium**	**3560**	B	mg/kg dry	5.54	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 08:05	06/03/2021 12:52	EM
7440-47-3	**Chromium**	**21.8**		mg/kg dry	0.554	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 08:05	06/03/2021 12:52	EM
7440-48-4	**Cobalt**	**8.69**		mg/kg dry	0.443	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 08:05	06/03/2021 12:52	EM
7440-50-8	**Copper**	**130**		mg/kg dry	2.21	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 08:05	06/03/2021 12:52	EM
7439-89-6	**Iron**	**14300**	B	mg/kg dry	27.7	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 08:05	06/03/2021 12:52	EM

Sample Information

Client Sample ID: WC-PCE-Q3-15-30' **York Sample ID:** 21E1205-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 1:30 pm	05/27/2021

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
7439-92-1	**Lead**	**4.65**		mg/kg dry	0.554	1	EPA 6010D	06/01/2021 08:05	06/03/2021 12:52	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**4550**		mg/kg dry	5.54	1	EPA 6010D	06/01/2021 08:05	06/03/2021 12:52	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**345**		mg/kg dry	0.554	1	EPA 6010D	06/01/2021 08:05	06/03/2021 12:52	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	Nickel	ND		mg/kg dry	1.11	1	EPA 6010D	06/01/2021 08:05	06/03/2021 12:52	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**6380**	B	mg/kg dry	5.54	1	EPA 6010D	06/01/2021 08:05	06/03/2021 12:52	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	2.77	1	EPA 6010D	06/01/2021 08:05	06/03/2021 12:52	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.554	1	EPA 6010D	06/01/2021 08:05	06/03/2021 12:52	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**337**		mg/kg dry	55.4	1	EPA 6010D	06/01/2021 08:05	06/03/2021 12:52	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.77	1	EPA 6010D	06/01/2021 08:05	06/03/2021 12:52	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**23.2**		mg/kg dry	1.11	1	EPA 6010D	06/01/2021 08:05	06/03/2021 12:52	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**597**		mg/kg dry	2.77	1	EPA 6010D	06/01/2021 08:05	06/03/2021 12:52	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0332	1	EPA 7473	06/01/2021 08:31	06/01/2021 15:09	AD
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

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	05/28/2021 08:48	05/28/2021 14:13	ALH
							Certifications: CTDOH			

TCLP Extraction for SVOCS/PEST/HERB

Log-in Notes:

Sample Notes: EXT-Temp

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

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

Sample Information

Client Sample ID: WC-PCE-Q3-15-30' **York Sample ID:** 21E1205-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 1:30 pm	05/27/2021

TCLP Extraction for SVOCS/PEST/HERB

Log-in Notes: **Sample Notes:** EXT-Temp

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	06/01/2021 14:20	06/02/2021 11:31	TAJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes: **Sample Notes:** EXT-Temp

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	06/01/2021 14:37	06/02/2021 12:56	TAJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: WC-PCE-Q4-3' **York Sample ID:** 21E1205-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 2:40 pm	05/27/2021

Volatile Organics, 8260 - Comprehensive

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/01/2021 09:00	06/01/2021 15:43	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/01/2021 09:00	06/01/2021 15:43	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/01/2021 09:00	06/01/2021 15:43	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/01/2021 09:00	06/01/2021 15:43	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/01/2021 09:00	06/01/2021 15:43	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/01/2021 09:00	06/01/2021 15:43	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/01/2021 09:00	06/01/2021 15:43	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/01/2021 09:00	06/01/2021 15:43	YG
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/01/2021 09:00	06/01/2021 15:43	YG
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/01/2021 09:00	06/01/2021 15:43	YG
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/01/2021 09:00	06/01/2021 15:43	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			

Sample Information

Client Sample ID: WC-PCE-Q4-3' **York Sample ID:** 21E1205-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 2:40 pm	05/27/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
123-91-1	1,4-Dioxane	ND		ug/kg dry	58	120	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:43 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
78-93-3	2-Butanone	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
591-78-6	2-Hexanone	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
67-64-1	Acetone	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
107-02-8	Acrolein	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
107-13-1	Acrylonitrile	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
71-43-2	Benzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
74-97-5	Bromochloromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:43 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-25-2	Bromoform	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
74-83-9	Bromomethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-15-0	Carbon disulfide	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-90-7	Chlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG

Sample Information

Client Sample ID: WC-PCE-Q4-3' **York Sample ID:** 21E1205-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 2:40 pm	05/27/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:43	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-66-3	Chloroform	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:43	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-87-3	Chloromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:43	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:43	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:43	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-82-7	Cyclohexane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:43	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:43	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:43	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:43	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:43	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:43	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:43	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
79-20-9	Methyl acetate	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:43	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:43	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:43	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	**Methylene chloride**	**8.8**	J	ug/kg dry	5.8	12	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:43	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:43	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:43	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-47-6	o-Xylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:43	YG CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:43	YG CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:43	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:43	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-42-5	Styrene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 15:43	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: WC-PCE-Q4-3' **York Sample ID:** 21E1205-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 2:40 pm	05/27/2021

Volatile Organics, 8260 - Comprehensive

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 09:00	06/01/2021 15:43	YG
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 09:00	06/01/2021 15:43	YG
127-18-4	**Tetrachloroethylene**	**120**		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 09:00	06/01/2021 15:43	YG
108-88-3	Toluene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 09:00	06/01/2021 15:43	YG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 09:00	06/01/2021 15:43	YG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 09:00	06/01/2021 15:43	YG
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH	06/01/2021 09:00	06/01/2021 15:43	YG
79-01-6	Trichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 09:00	06/01/2021 15:43	YG
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 09:00	06/01/2021 15:43	YG
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 09:00	06/01/2021 15:43	YG
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.7	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	06/01/2021 09:00	06/01/2021 15:43	YG

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*113 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.0 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*95.4 %*	*76-130*

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.4**		%	0.100	1	SM 2540G Certifications: CTDOH	05/28/2021 15:11	06/01/2021 09:26	OT

Sample Information

Client Sample ID: WC-PCE-Q4-7' **York Sample ID:** 21E1205-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 2:45 pm	05/27/2021

Sample Information

Client Sample ID: WC-PCE-Q4-7' **York Sample ID:** 21E1205-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 2:45 pm	05/27/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	YG
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:11 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:11 NELAC-NY10854,NELAC-NY12058,NJDEP	YG
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:11 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
123-91-1	1,4-Dioxane	ND		ug/kg dry	45	91	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:11 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
78-93-3	2-Butanone	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
591-78-6	2-Hexanone	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG

Sample Information

Client Sample ID: WC-PCE-Q4-7' **York Sample ID:** 21E1205-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 2:45 pm	05/27/2021

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		ug/kg dry	4.5	9.1	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 16:11	YG
107-02-8	Acrolein	ND		ug/kg dry	4.5	9.1	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 16:11	YG
107-13-1	Acrylonitrile	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 16:11	YG
71-43-2	Benzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 16:11	YG
74-97-5	Bromochloromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/01/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 16:11	YG
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 16:11	YG
75-25-2	Bromoform	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 16:11	YG
74-83-9	Bromomethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 16:11	YG
75-15-0	Carbon disulfide	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 16:11	YG
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 16:11	YG
108-90-7	Chlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 16:11	YG
75-00-3	Chloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 16:11	YG
67-66-3	Chloroform	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 16:11	YG
74-87-3	Chloromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 16:11	YG
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 16:11	YG
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 16:11	YG
110-82-7	Cyclohexane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/01/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 16:11	YG
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/01/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 16:11	YG
74-95-3	Dibromomethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/01/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 16:11	YG
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/01/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 16:11	YG
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 16:11	YG
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/01/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 16:11	YG
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 16:11	YG

Sample Information

Client Sample ID: WC-PCE-Q4-7' **York Sample ID:** 21E1205-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 2:45 pm	05/27/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:11 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:11 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-09-2	Methylene chloride	ND		ug/kg dry	4.5	9.1	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
95-47-6	o-Xylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:11 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	YG
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.5	9.1	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:11 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	YG
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
100-42-5	Styrene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:11 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
127-18-4	**Tetrachloroethylene**	**84**		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-88-3	Toluene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:11 CTDOH	YG
79-01-6	Trichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.8	14	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	YG

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*109 %*	*77-125*

Sample Information

Client Sample ID: WC-PCE-Q4-7' **York Sample ID:** 21E1205-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 2:45 pm	05/27/2021

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*	*96.6 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*94.4 %*			*76-130*						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**82.0**		%	0.100	1	SM 2540G Certifications: CTDOH	05/28/2021 15:11	06/01/2021 09:26	OT

Sample Information

Client Sample ID: WC-PCE-Q4-12' **York Sample ID:** 21E1205-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 2:45 pm	05/27/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 09:00	06/01/2021 16:39	YG
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 09:00	06/01/2021 16:39	YG
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 09:00	06/01/2021 16:39	YG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	06/01/2021 09:00	06/01/2021 16:39	YG
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 09:00	06/01/2021 16:39	YG
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 09:00	06/01/2021 16:39	YG
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 09:00	06/01/2021 16:39	YG
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 09:00	06/01/2021 16:39	YG
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	06/01/2021 09:00	06/01/2021 16:39	YG
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 09:00	06/01/2021 16:39	YG

Sample Information

Client Sample ID: WC-PCE-Q4-12' **York Sample ID:** 21E1205-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 2:45 pm	05/27/2021

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		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
123-91-1	1,4-Dioxane	ND		ug/kg dry	59	120	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:39 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
78-93-3	2-Butanone	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
591-78-6	2-Hexanone	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
67-64-1	**Acetone**	**6.1**	J	ug/kg dry	5.9	12	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
107-02-8	Acrolein	ND		ug/kg dry	5.9	12	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
107-13-1	Acrylonitrile	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
71-43-2	Benzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
74-97-5	Bromochloromethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:39 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-25-2	Bromoform	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
74-83-9	Bromomethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-15-0	Carbon disulfide	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG

Sample Information

Client Sample ID: WC-PCE-Q4-12' **York Sample ID:** 21E1205-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 2:45 pm	05/27/2021

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		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:39	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-00-3	Chloroethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:39	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-66-3	Chloroform	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:39	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-87-3	Chloromethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:39	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:39	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:39	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-82-7	Cyclohexane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:39	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:39	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:39	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:39	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:39	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:39	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:39	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
79-20-9	Methyl acetate	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:39	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:39	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-87-2	Methylcyclohexane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:39	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	**Methylene chloride**	**11**	J	ug/kg dry	5.9	12	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:39	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:39	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:39	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-47-6	o-Xylene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:39	YG CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.9	12	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:39	YG CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:39	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 16:39	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: WC-PCE-Q4-12' **York Sample ID:** 21E1205-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 2:45 pm	05/27/2021

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		ug/kg dry	3.0	5.9	1	EPA 8260C	06/01/2021 09:00	06/01/2021 16:39	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	06/01/2021 09:00	06/01/2021 16:39	YG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	06/01/2021 09:00	06/01/2021 16:39	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	**Tetrachloroethylene**	**3.1**	J	ug/kg dry	3.0	5.9	1	EPA 8260C	06/01/2021 09:00	06/01/2021 16:39	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	06/01/2021 09:00	06/01/2021 16:39	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	06/01/2021 09:00	06/01/2021 16:39	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	06/01/2021 09:00	06/01/2021 16:39	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	06/01/2021 09:00	06/01/2021 16:39	YG
								Certifications:	CTDOH		
79-01-6	Trichloroethylene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	06/01/2021 09:00	06/01/2021 16:39	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	06/01/2021 09:00	06/01/2021 16:39	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	06/01/2021 09:00	06/01/2021 16:39	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.9	18	1	EPA 8260C	06/01/2021 09:00	06/01/2021 16:39	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*111 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.6 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*93.1 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.8**		%	0.100	1	SM 2540G	05/28/2021 15:11	06/01/2021 09:26	OT
							Certifications:	CTDOH		

Sample Information

Client Sample ID: WC-CS-Q3-7'

York Sample ID: 21E1205-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 11:25 am	05/27/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 17:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 17:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 17:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 17:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	YG
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 17:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 17:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 17:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 17:07 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 17:07 NELAC-NY10854,NELAC-NY12058,NJDEP	YG
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 17:07 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 17:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 17:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 17:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 17:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 17:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 17:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 17:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 17:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 17:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
123-91-1	1,4-Dioxane	ND		ug/kg dry	55	110	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 17:07 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
78-93-3	2-Butanone	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 17:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
591-78-6	2-Hexanone	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 17:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 17:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG

Sample Information

Client Sample ID: WC-CS-Q3-7' **York Sample ID:** 21E1205-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 11:25 am	05/27/2021

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		ug/kg dry	5.5	11	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 17:07	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-02-8	Acrolein	ND		ug/kg dry	5.5	11	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 17:07	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-13-1	Acrylonitrile	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 17:07	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
71-43-2	Benzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 17:07	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 17:07	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 17:07	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-25-2	Bromoform	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 17:07	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-83-9	Bromomethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 17:07	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-15-0	Carbon disulfide	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 17:07	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 17:07	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-90-7	Chlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 17:07	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-00-3	Chloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 17:07	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-66-3	Chloroform	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 17:07	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-87-3	Chloromethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 17:07	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 17:07	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 17:07	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-82-7	Cyclohexane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 17:07	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 17:07	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 17:07	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 17:07	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 17:07	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 17:07	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 17:07	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: WC-CS-Q3-7' **York Sample ID:** 21E1205-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 11:25 am	05/27/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 17:07	YG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 17:07	YG
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 17:07	YG
75-09-2	Methylene chloride	ND		ug/kg dry	5.5	11	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 17:07	YG
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 17:07	YG
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 17:07	YG
95-47-6	o-Xylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	06/01/2021 17:07	YG
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.5	11	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	06/01/2021 17:07	YG
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 17:07	YG
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 17:07	YG
100-42-5	Styrene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 17:07	YG
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 17:07	YG
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 17:07	YG
127-18-4	**Tetrachloroethylene**	**4.8**	J	ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 17:07	YG
108-88-3	Toluene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 17:07	YG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 17:07	YG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 17:07	YG
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH	06/01/2021 17:07	YG
79-01-6	Trichloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 17:07	YG
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 17:07	YG
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 17:07	YG
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.3	17	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	06/01/2021 17:07	YG

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*108 %*	*77-125*

Sample Information

Client Sample ID: WC-CS-Q3-7' **York Sample ID:** 21E1205-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 11:25 am	05/27/2021

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*	*96.8 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*93.7 %*			*76-130*						

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**88.9**		%	0.100	1	SM 2540G	05/28/2021 15:13	06/01/2021 10:12	OT
							Certifications: CTDOH			

Sample Information

Client Sample ID: WC-CS-Q3-13' **York Sample ID:** 21E1205-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 11:30 am	05/27/2021

Volatile Organics, 8260 - Comprehensive

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	06/01/2021 09:00	06/01/2021 17:34	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	06/01/2021 09:00	06/01/2021 17:34	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	06/01/2021 09:00	06/01/2021 17:34	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	06/01/2021 09:00	06/01/2021 17:34	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	06/01/2021 09:00	06/01/2021 17:34	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	06/01/2021 09:00	06/01/2021 17:34	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	06/01/2021 09:00	06/01/2021 17:34	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	06/01/2021 09:00	06/01/2021 17:34	YG
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	06/01/2021 09:00	06/01/2021 17:34	YG
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	06/01/2021 09:00	06/01/2021 17:34	YG
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			

Sample Information

Client Sample ID: WC-CS-Q3-13' **York Sample ID:** 21E1205-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 11:30 am	05/27/2021

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		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 17:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 17:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 17:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 17:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 17:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 17:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 17:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 17:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 17:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
123-91-1	1,4-Dioxane	ND		ug/kg dry	46	92	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 17:34 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
78-93-3	2-Butanone	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 17:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
591-78-6	2-Hexanone	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 17:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 17:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
67-64-1	Acetone	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 17:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
107-02-8	Acrolein	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 17:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
107-13-1	Acrylonitrile	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 17:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
71-43-2	Benzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 17:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
74-97-5	Bromochloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 17:34 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 17:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-25-2	Bromoform	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 17:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
74-83-9	Bromomethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 17:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-15-0	Carbon disulfide	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 17:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 17:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG

Sample Information

Client Sample ID: WC-CS-Q3-13' **York Sample ID:** 21E1205-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 11:30 am	05/27/2021

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		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 17:34	YG
75-00-3	Chloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 17:34	YG
67-66-3	Chloroform	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 17:34	YG
74-87-3	Chloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 17:34	YG
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 17:34	YG
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 17:34	YG
110-82-7	Cyclohexane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	06/01/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 17:34	YG
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	06/01/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 17:34	YG
74-95-3	Dibromomethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	06/01/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 17:34	YG
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	06/01/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 17:34	YG
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 17:34	YG
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	06/01/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 17:34	YG
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 17:34	YG
79-20-9	Methyl acetate	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	06/01/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 17:34	YG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 17:34	YG
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	06/01/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 17:34	YG
75-09-2	**Methylene chloride**	**11**		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 17:34	YG
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 17:34	YG
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 17:34	YG
95-47-6	o-Xylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	06/01/2021 17:34	YG
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	06/01/2021 17:34	YG
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 17:34	YG
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 17:34	YG

Sample Information

Client Sample ID: WC-CS-Q3-13' **York Sample ID:** 21E1205-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 11:30 am	05/27/2021

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		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 17:34	YG
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	06/01/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 17:34	YG
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 17:34	YG
127-18-4	**Tetrachloroethylene**	**6.6**		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 17:34	YG
108-88-3	Toluene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 17:34	YG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 17:34	YG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 17:34	YG
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH	06/01/2021 17:34	YG
79-01-6	Trichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 17:34	YG
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 17:34	YG
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 17:34	YG
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.9	14	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	06/01/2021 17:34	YG

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*108 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.2 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*93.9 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**97.4**		%	0.100	1	SM 2540G Certifications: CTDOH	05/28/2021 15:13	06/01/2021 10:12	OT

Sample Information

Client Sample ID: WC-CS-Q3-18' **York Sample ID:** 21E1205-24

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 11:30 am	05/27/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 18:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 18:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 18:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 18:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	YG
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 18:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 18:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 18:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 18:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 18:02 NELAC-NY10854,NELAC-NY12058,NJDEP	YG
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 18:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 18:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 18:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 18:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 18:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 18:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 18:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 18:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 18:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 18:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
123-91-1	1,4-Dioxane	ND		ug/kg dry	55	110	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 18:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
78-93-3	2-Butanone	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 18:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
591-78-6	2-Hexanone	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 18:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 18:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG

Sample Information

Client Sample ID: WC-CS-Q3-18' **York Sample ID:** 21E1205-24

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 11:30 am	05/27/2021

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**	**6.6**	J	ug/kg dry	5.5	11	1	EPA 8260C	06/01/2021 09:00	06/01/2021 18:02	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/kg dry	5.5	11	1	EPA 8260C	06/01/2021 09:00	06/01/2021 18:02	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	06/01/2021 09:00	06/01/2021 18:02	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	06/01/2021 09:00	06/01/2021 18:02	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	06/01/2021 09:00	06/01/2021 18:02	YG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	06/01/2021 09:00	06/01/2021 18:02	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	06/01/2021 09:00	06/01/2021 18:02	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	06/01/2021 09:00	06/01/2021 18:02	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	06/01/2021 09:00	06/01/2021 18:02	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	06/01/2021 09:00	06/01/2021 18:02	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	06/01/2021 09:00	06/01/2021 18:02	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	06/01/2021 09:00	06/01/2021 18:02	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	06/01/2021 09:00	06/01/2021 18:02	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	06/01/2021 09:00	06/01/2021 18:02	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	06/01/2021 09:00	06/01/2021 18:02	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	06/01/2021 09:00	06/01/2021 18:02	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	06/01/2021 09:00	06/01/2021 18:02	YG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	06/01/2021 09:00	06/01/2021 18:02	YG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	06/01/2021 09:00	06/01/2021 18:02	YG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	06/01/2021 09:00	06/01/2021 18:02	YG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	06/01/2021 09:00	06/01/2021 18:02	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	06/01/2021 09:00	06/01/2021 18:02	YG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	06/01/2021 09:00	06/01/2021 18:02	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: WC-CS-Q3-18' **York Sample ID:** 21E1205-24

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 11:30 am	05/27/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 18:02	YG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 18:02	YG
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 18:02	YG
75-09-2	**Methylene chloride**	**17**		ug/kg dry	5.5	11	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 18:02	YG
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 18:02	YG
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 18:02	YG
95-47-6	o-Xylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	06/01/2021 18:02	YG
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.5	11	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	06/01/2021 18:02	YG
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 18:02	YG
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 18:02	YG
100-42-5	Styrene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 18:02	YG
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 18:02	YG
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 18:02	YG
127-18-4	**Tetrachloroethylene**	**13**		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 18:02	YG
108-88-3	**Toluene**	**19**		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 18:02	YG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 18:02	YG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 18:02	YG
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH	06/01/2021 18:02	YG
79-01-6	Trichloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 18:02	YG
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 18:02	YG
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 18:02	YG
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.2	16	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	06/01/2021 18:02	YG

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*108 %*	*77-125*

Sample Information

Client Sample ID: WC-CS-Q3-18' **York Sample ID:** 21E1205-24

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 11:30 am	05/27/2021

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*	*95.8 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*93.8 %*			*76-130*						

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**87.8**		%	0.100	1	SM 2540G	05/28/2021 15:13	06/01/2021 10:12	OT
							Certifications: CTDOH			

Sample Information

Client Sample ID: WC-CS-Q3-23' **York Sample ID:** 21E1205-25

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 11:40 am	05/27/2021

Volatile Organics, 8260 - Comprehensive

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/01/2021 09:00	06/01/2021 18:30	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/01/2021 09:00	06/01/2021 18:30	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/01/2021 09:00	06/01/2021 18:30	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/01/2021 09:00	06/01/2021 18:30	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/01/2021 09:00	06/01/2021 18:30	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/01/2021 09:00	06/01/2021 18:30	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/01/2021 09:00	06/01/2021 18:30	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/01/2021 09:00	06/01/2021 18:30	YG
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/01/2021 09:00	06/01/2021 18:30	YG
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/01/2021 09:00	06/01/2021 18:30	YG
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			

Sample Information

Client Sample ID: WC-CS-Q3-23' **York Sample ID:** 21E1205-25

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 11:40 am	05/27/2021

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		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 18:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 18:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 18:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 18:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 18:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 18:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 18:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 18:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 18:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
123-91-1	1,4-Dioxane	ND		ug/kg dry	51	100	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 18:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
78-93-3	2-Butanone	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 18:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
591-78-6	2-Hexanone	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 18:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 18:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
67-64-1	Acetone	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 18:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
107-02-8	Acrolein	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 18:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
107-13-1	Acrylonitrile	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 18:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
71-43-2	Benzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 18:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
74-97-5	Bromochloromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 18:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 18:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 18:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
74-83-9	Bromomethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 18:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-15-0	Carbon disulfide	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 18:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/01/2021 09:00	06/01/2021 18:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG

Sample Information

Client Sample ID: WC-CS-Q3-23' **York Sample ID:** 21E1205-25

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 11:40 am	05/27/2021

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		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 18:30	YG
75-00-3	Chloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 18:30	YG
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 18:30	YG
74-87-3	Chloromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 18:30	YG
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 18:30	YG
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 18:30	YG
110-82-7	Cyclohexane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/01/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 18:30	YG
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/01/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 18:30	YG
74-95-3	Dibromomethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/01/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 18:30	YG
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/01/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 18:30	YG
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 18:30	YG
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/01/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 18:30	YG
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 18:30	YG
79-20-9	Methyl acetate	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/01/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 18:30	YG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 18:30	YG
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/01/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 18:30	YG
75-09-2	**Methylene chloride**	**15**		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 18:30	YG
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 18:30	YG
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 18:30	YG
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	06/01/2021 18:30	YG
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	06/01/2021 18:30	YG
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 18:30	YG
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 18:30	YG

Sample Information

Client Sample ID: WC-CS-Q3-23' **York Sample ID:** 21E1205-25

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 11:40 am	05/27/2021

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		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 18:30	YG
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/01/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 18:30	YG
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 18:30	YG
127-18-4	**Tetrachloroethylene**	**16**		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 18:30	YG
108-88-3	Toluene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 18:30	YG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 18:30	YG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 18:30	YG
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH	06/01/2021 18:30	YG
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 18:30	YG
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 18:30	YG
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 18:30	YG
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.7	15	1	EPA 8260C Certifications:	06/01/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	06/01/2021 18:30	YG

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.4 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*93.7 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**93.6**		%	0.100	1	SM 2540G Certifications: CTDOH	05/28/2021 15:13	06/01/2021 10:12	OT

Sample Information

Client Sample ID: WC-CS-Q4-7' **York Sample ID:** 21E1205-27

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 2:00 pm	05/27/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/01/2021 12:30	06/01/2021 22:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/01/2021 12:30	06/01/2021 22:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/01/2021 12:30	06/01/2021 22:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/01/2021 12:30	06/01/2021 22:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	YG
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/01/2021 12:30	06/01/2021 22:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/01/2021 12:30	06/01/2021 22:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/01/2021 12:30	06/01/2021 22:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/01/2021 12:30	06/01/2021 22:38 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/01/2021 12:30	06/01/2021 22:38 NELAC-NY10854,NELAC-NY12058,NJDEP	YG
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/01/2021 12:30	06/01/2021 22:38 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/01/2021 12:30	06/01/2021 22:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/01/2021 12:30	06/01/2021 22:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/01/2021 12:30	06/01/2021 22:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/01/2021 12:30	06/01/2021 22:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/01/2021 12:30	06/01/2021 22:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/01/2021 12:30	06/01/2021 22:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/01/2021 12:30	06/01/2021 22:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/01/2021 12:30	06/01/2021 22:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/01/2021 12:30	06/01/2021 22:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
123-91-1	1,4-Dioxane	ND		ug/kg dry	48	97	1	EPA 8260C Certifications:	06/01/2021 12:30	06/01/2021 22:38 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
78-93-3	2-Butanone	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/01/2021 12:30	06/01/2021 22:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
591-78-6	2-Hexanone	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/01/2021 12:30	06/01/2021 22:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/01/2021 12:30	06/01/2021 22:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG

Sample Information

Client Sample ID: WC-CS-Q4-7' **York Sample ID:** 21E1205-27

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 2:00 pm	05/27/2021

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**	**6.7**	J	ug/kg dry	4.8	9.7	1	EPA 8260C	06/01/2021 12:30	06/01/2021 22:38	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/kg dry	4.8	9.7	1	EPA 8260C	06/01/2021 12:30	06/01/2021 22:38	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	06/01/2021 12:30	06/01/2021 22:38	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	06/01/2021 12:30	06/01/2021 22:38	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	06/01/2021 12:30	06/01/2021 22:38	YG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	06/01/2021 12:30	06/01/2021 22:38	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	06/01/2021 12:30	06/01/2021 22:38	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	06/01/2021 12:30	06/01/2021 22:38	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	06/01/2021 12:30	06/01/2021 22:38	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	06/01/2021 12:30	06/01/2021 22:38	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	06/01/2021 12:30	06/01/2021 22:38	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	06/01/2021 12:30	06/01/2021 22:38	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	06/01/2021 12:30	06/01/2021 22:38	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	06/01/2021 12:30	06/01/2021 22:38	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	06/01/2021 12:30	06/01/2021 22:38	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	06/01/2021 12:30	06/01/2021 22:38	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	06/01/2021 12:30	06/01/2021 22:38	YG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	06/01/2021 12:30	06/01/2021 22:38	YG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	06/01/2021 12:30	06/01/2021 22:38	YG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	06/01/2021 12:30	06/01/2021 22:38	YG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	06/01/2021 12:30	06/01/2021 22:38	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	06/01/2021 12:30	06/01/2021 22:38	YG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	06/01/2021 12:30	06/01/2021 22:38	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: WC-CS-Q4-7' **York Sample ID:** 21E1205-27

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 2:00 pm	05/27/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/01/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 22:38	YG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 22:38	YG
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/01/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 22:38	YG
75-09-2	**Methylene chloride**	**12**		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications:	06/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 22:38	YG
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 22:38	YG
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 22:38	YG
95-47-6	o-Xylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	06/01/2021 22:38	YG
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications:	06/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	06/01/2021 22:38	YG
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 22:38	YG
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 22:38	YG
100-42-5	Styrene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 22:38	YG
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/01/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 22:38	YG
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 22:38	YG
127-18-4	**Tetrachloroethylene**	**7.2**		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 22:38	YG
108-88-3	Toluene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 22:38	YG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 22:38	YG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 22:38	YG
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/01/2021 12:30 CTDOH	06/01/2021 22:38	YG
79-01-6	Trichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 22:38	YG
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 22:38	YG
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 22:38	YG
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.3	15	1	EPA 8260C Certifications:	06/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	06/01/2021 22:38	YG

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*77-125*

Sample Information

Client Sample ID: WC-CS-Q4-7' **York Sample ID:** 21E1205-27

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 2:00 pm	05/27/2021

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*	*97.1 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*95.3 %*			*76-130*						

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**96.7**		%	0.100	1	SM 2540G	05/28/2021 15:13	06/01/2021 10:12	OT
							Certifications: CTDOH			

Sample Information

Client Sample ID: WC-CS-Q4-12' **York Sample ID:** 21E1205-29

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 2:10 pm	05/27/2021

Volatile Organics, 8260 - Comprehensive

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	06/01/2021 12:30	06/01/2021 23:06	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	06/01/2021 12:30	06/01/2021 23:06	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	06/01/2021 12:30	06/01/2021 23:06	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	06/01/2021 12:30	06/01/2021 23:06	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	06/01/2021 12:30	06/01/2021 23:06	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	06/01/2021 12:30	06/01/2021 23:06	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	06/01/2021 12:30	06/01/2021 23:06	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	06/01/2021 12:30	06/01/2021 23:06	YG
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	06/01/2021 12:30	06/01/2021 23:06	YG
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	06/01/2021 12:30	06/01/2021 23:06	YG
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			

Sample Information

Client Sample ID: WC-CS-Q4-12' **York Sample ID:** 21E1205-29

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 2:10 pm	05/27/2021

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		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/01/2021 12:30	06/01/2021 23:06	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/01/2021 12:30	06/01/2021 23:06	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/01/2021 12:30	06/01/2021 23:06	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/01/2021 12:30	06/01/2021 23:06	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/01/2021 12:30	06/01/2021 23:06	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/01/2021 12:30	06/01/2021 23:06	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/01/2021 12:30	06/01/2021 23:06	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/01/2021 12:30	06/01/2021 23:06	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/01/2021 12:30	06/01/2021 23:06	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
123-91-1	1,4-Dioxane	ND		ug/kg dry	53	110	1	EPA 8260C Certifications:	06/01/2021 12:30	06/01/2021 23:06	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/01/2021 12:30	06/01/2021 23:06	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
591-78-6	2-Hexanone	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/01/2021 12:30	06/01/2021 23:06	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/01/2021 12:30	06/01/2021 23:06	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-64-1	Acetone	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications:	06/01/2021 12:30	06/01/2021 23:06	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-02-8	Acrolein	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications:	06/01/2021 12:30	06/01/2021 23:06	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-13-1	Acrylonitrile	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/01/2021 12:30	06/01/2021 23:06	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
71-43-2	Benzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/01/2021 12:30	06/01/2021 23:06	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/01/2021 12:30	06/01/2021 23:06	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/01/2021 12:30	06/01/2021 23:06	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/01/2021 12:30	06/01/2021 23:06	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-83-9	Bromomethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/01/2021 12:30	06/01/2021 23:06	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-15-0	Carbon disulfide	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/01/2021 12:30	06/01/2021 23:06	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/01/2021 12:30	06/01/2021 23:06	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: WC-CS-Q4-12' **York Sample ID:** 21E1205-29

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 2:10 pm	05/27/2021

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		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 23:06	YG
75-00-3	Chloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 23:06	YG
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 23:06	YG
74-87-3	Chloromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 23:06	YG
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 23:06	YG
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 23:06	YG
110-82-7	Cyclohexane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/01/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 23:06	YG
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/01/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 23:06	YG
74-95-3	Dibromomethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/01/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 23:06	YG
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/01/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 23:06	YG
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 23:06	YG
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/01/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 23:06	YG
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 23:06	YG
79-20-9	Methyl acetate	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/01/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 23:06	YG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 23:06	YG
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/01/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 23:06	YG
75-09-2	**Methylene chloride**	**17**		ug/kg dry	5.3	11	1	EPA 8260C Certifications:	06/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 23:06	YG
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 23:06	YG
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 23:06	YG
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	06/01/2021 23:06	YG
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications:	06/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	06/01/2021 23:06	YG
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 23:06	YG
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 23:06	YG

Sample Information

Client Sample ID: WC-CS-Q4-12' **York Sample ID:** 21E1205-29

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 2:10 pm	05/27/2021

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		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/01/2021 12:30	06/01/2021 23:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/01/2021 12:30	06/01/2021 23:06 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/01/2021 12:30	06/01/2021 23:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
127-18-4	**Tetrachloroethylene**	**13**		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/01/2021 12:30	06/01/2021 23:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-88-3	Toluene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/01/2021 12:30	06/01/2021 23:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/01/2021 12:30	06/01/2021 23:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/01/2021 12:30	06/01/2021 23:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/01/2021 12:30	06/01/2021 23:06 CTDOH	YG
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/01/2021 12:30	06/01/2021 23:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/01/2021 12:30	06/01/2021 23:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/01/2021 12:30	06/01/2021 23:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications:	06/01/2021 12:30	06/01/2021 23:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	YG

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*109 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.4 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*95.3 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**92.7**		%	0.100	1	SM 2540G Certifications: CTDOH	05/28/2021 15:13	06/01/2021 10:12	OT

Sample Information

Client Sample ID: WC-CS-Q4-17'

York Sample ID: 21E1205-31

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 2:15 pm	05/27/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 12:30	06/01/2021 23:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 12:30	06/01/2021 23:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 12:30	06/01/2021 23:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 12:30	06/01/2021 23:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	YG
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 12:30	06/01/2021 23:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 12:30	06/01/2021 23:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 12:30	06/01/2021 23:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 12:30	06/01/2021 23:33 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 12:30	06/01/2021 23:33 NELAC-NY10854,NELAC-NY12058,NJDEP	YG
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 12:30	06/01/2021 23:33 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 12:30	06/01/2021 23:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 12:30	06/01/2021 23:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 12:30	06/01/2021 23:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 12:30	06/01/2021 23:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 12:30	06/01/2021 23:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 12:30	06/01/2021 23:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 12:30	06/01/2021 23:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 12:30	06/01/2021 23:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 12:30	06/01/2021 23:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
123-91-1	1,4-Dioxane	ND		ug/kg dry	58	120	1	EPA 8260C Certifications:	06/01/2021 12:30	06/01/2021 23:33 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
78-93-3	2-Butanone	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 12:30	06/01/2021 23:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
591-78-6	2-Hexanone	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 12:30	06/01/2021 23:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 12:30	06/01/2021 23:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG

Sample Information

Client Sample ID: WC-CS-Q4-17'

York Sample ID: 21E1205-31

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 2:15 pm	05/27/2021

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**	**6.1**	J	ug/kg dry	5.8	12	1	EPA 8260C	06/01/2021 12:30	06/01/2021 23:33	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/kg dry	5.8	12	1	EPA 8260C	06/01/2021 12:30	06/01/2021 23:33	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/01/2021 12:30	06/01/2021 23:33	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/01/2021 12:30	06/01/2021 23:33	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/01/2021 12:30	06/01/2021 23:33	YG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/01/2021 12:30	06/01/2021 23:33	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/01/2021 12:30	06/01/2021 23:33	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/01/2021 12:30	06/01/2021 23:33	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/01/2021 12:30	06/01/2021 23:33	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/01/2021 12:30	06/01/2021 23:33	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/01/2021 12:30	06/01/2021 23:33	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/01/2021 12:30	06/01/2021 23:33	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/01/2021 12:30	06/01/2021 23:33	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/01/2021 12:30	06/01/2021 23:33	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/01/2021 12:30	06/01/2021 23:33	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/01/2021 12:30	06/01/2021 23:33	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/01/2021 12:30	06/01/2021 23:33	YG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/01/2021 12:30	06/01/2021 23:33	YG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/01/2021 12:30	06/01/2021 23:33	YG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/01/2021 12:30	06/01/2021 23:33	YG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/01/2021 12:30	06/01/2021 23:33	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/01/2021 12:30	06/01/2021 23:33	YG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/01/2021 12:30	06/01/2021 23:33	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: WC-CS-Q4-17' **York Sample ID:** 21E1205-31

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 2:15 pm	05/27/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 23:33	YG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 23:33	YG
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 23:33	YG
75-09-2	**Methylene chloride**	**15**		ug/kg dry	5.8	12	1	EPA 8260C Certifications:	06/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 23:33	YG
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 23:33	YG
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 23:33	YG
95-47-6	o-Xylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	06/01/2021 23:33	YG
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications:	06/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	06/01/2021 23:33	YG
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 23:33	YG
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 23:33	YG
100-42-5	Styrene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 23:33	YG
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 23:33	YG
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 23:33	YG
127-18-4	**Tetrachloroethylene**	**46**		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 23:33	YG
108-88-3	Toluene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 23:33	YG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 23:33	YG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 23:33	YG
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 12:30 CTDOH	06/01/2021 23:33	YG
79-01-6	Trichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 23:33	YG
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 23:33	YG
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/01/2021 23:33	YG
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.7	17	1	EPA 8260C Certifications:	06/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	06/01/2021 23:33	YG

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*109 %*	*77-125*

Sample Information

Client Sample ID: WC-CS-Q4-17' **York Sample ID:** 21E1205-31

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 2:15 pm	05/27/2021

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*	*97.3 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.9 %*			*76-130*						

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**74.8**		%	0.100	1	SM 2540G	05/28/2021 15:13	06/01/2021 10:12	OT
							Certifications: CTDOH			

Sample Information

Client Sample ID: WC-CS-Q4-22' **York Sample ID:** 21E1205-32

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 2:20 pm	05/27/2021

Volatile Organics, 8260 - Comprehensive

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	06/01/2021 12:30	06/02/2021 00:01	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	06/01/2021 12:30	06/02/2021 00:01	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	06/01/2021 12:30	06/02/2021 00:01	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	06/01/2021 12:30	06/02/2021 00:01	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	06/01/2021 12:30	06/02/2021 00:01	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	06/01/2021 12:30	06/02/2021 00:01	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	06/01/2021 12:30	06/02/2021 00:01	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	06/01/2021 12:30	06/02/2021 00:01	YG
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	06/01/2021 12:30	06/02/2021 00:01	YG
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	06/01/2021 12:30	06/02/2021 00:01	YG
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			

Sample Information

Client Sample ID: WC-CS-Q4-22'

York Sample ID: 21E1205-32

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 2:20 pm	05/27/2021

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		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	06/01/2021 12:30	06/02/2021 00:01	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	06/01/2021 12:30	06/02/2021 00:01	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	06/01/2021 12:30	06/02/2021 00:01	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	06/01/2021 12:30	06/02/2021 00:01	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	06/01/2021 12:30	06/02/2021 00:01	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	06/01/2021 12:30	06/02/2021 00:01	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	06/01/2021 12:30	06/02/2021 00:01	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	06/01/2021 12:30	06/02/2021 00:01	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	06/01/2021 12:30	06/02/2021 00:01	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
123-91-1	1,4-Dioxane	ND		ug/kg dry	59	120	1	EPA 8260C Certifications:	06/01/2021 12:30	06/02/2021 00:01	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	06/01/2021 12:30	06/02/2021 00:01	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
591-78-6	2-Hexanone	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	06/01/2021 12:30	06/02/2021 00:01	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	06/01/2021 12:30	06/02/2021 00:01	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-64-1	Acetone	ND		ug/kg dry	5.9	12	1	EPA 8260C Certifications:	06/01/2021 12:30	06/02/2021 00:01	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-02-8	Acrolein	ND		ug/kg dry	5.9	12	1	EPA 8260C Certifications:	06/01/2021 12:30	06/02/2021 00:01	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-13-1	Acrylonitrile	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	06/01/2021 12:30	06/02/2021 00:01	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
71-43-2	Benzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	06/01/2021 12:30	06/02/2021 00:01	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	06/01/2021 12:30	06/02/2021 00:01	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	06/01/2021 12:30	06/02/2021 00:01	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-25-2	Bromoform	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	06/01/2021 12:30	06/02/2021 00:01	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-83-9	Bromomethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	06/01/2021 12:30	06/02/2021 00:01	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-15-0	Carbon disulfide	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	06/01/2021 12:30	06/02/2021 00:01	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	06/01/2021 12:30	06/02/2021 00:01	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: WC-CS-Q4-22' **York Sample ID:** 21E1205-32

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 2:20 pm	05/27/2021

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		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	06/01/2021 12:30	06/02/2021 00:01	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-00-3	Chloroethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	06/01/2021 12:30	06/02/2021 00:01	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-66-3	Chloroform	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	06/01/2021 12:30	06/02/2021 00:01	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-87-3	Chloromethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	06/01/2021 12:30	06/02/2021 00:01	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	06/01/2021 12:30	06/02/2021 00:01	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	06/01/2021 12:30	06/02/2021 00:01	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-82-7	Cyclohexane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	06/01/2021 12:30	06/02/2021 00:01	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	06/01/2021 12:30	06/02/2021 00:01	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	06/01/2021 12:30	06/02/2021 00:01	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	06/01/2021 12:30	06/02/2021 00:01	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	06/01/2021 12:30	06/02/2021 00:01	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	06/01/2021 12:30	06/02/2021 00:01	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	06/01/2021 12:30	06/02/2021 00:01	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
79-20-9	Methyl acetate	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	06/01/2021 12:30	06/02/2021 00:01	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	06/01/2021 12:30	06/02/2021 00:01	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-87-2	Methylcyclohexane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	06/01/2021 12:30	06/02/2021 00:01	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	Methylene chloride	ND		ug/kg dry	5.9	12	1	EPA 8260C Certifications:	06/01/2021 12:30	06/02/2021 00:01	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	06/01/2021 12:30	06/02/2021 00:01	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	06/01/2021 12:30	06/02/2021 00:01	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-47-6	o-Xylene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	06/01/2021 12:30	06/02/2021 00:01	YG CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.9	12	1	EPA 8260C Certifications:	06/01/2021 12:30	06/02/2021 00:01	YG CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	06/01/2021 12:30	06/02/2021 00:01	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	06/01/2021 12:30	06/02/2021 00:01	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: WC-CS-Q4-22'

York Sample ID: 21E1205-32

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1205	27-09 40th Avenue, LIC, NY	Soil	May 26, 2021 2:20 pm	05/27/2021

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		ug/kg dry	3.0	5.9	1	EPA 8260C	06/01/2021 12:30	06/02/2021 00:01	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	06/01/2021 12:30	06/02/2021 00:01	YG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	06/01/2021 12:30	06/02/2021 00:01	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	**Tetrachloroethylene**	**34**		ug/kg dry	3.0	5.9	1	EPA 8260C	06/01/2021 12:30	06/02/2021 00:01	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	**Toluene**	**4.1**	J	ug/kg dry	3.0	5.9	1	EPA 8260C	06/01/2021 12:30	06/02/2021 00:01	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	06/01/2021 12:30	06/02/2021 00:01	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	06/01/2021 12:30	06/02/2021 00:01	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	06/01/2021 12:30	06/02/2021 00:01	YG
								Certifications:	CTDOH		
79-01-6	Trichloroethylene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	06/01/2021 12:30	06/02/2021 00:01	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	06/01/2021 12:30	06/02/2021 00:01	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	06/01/2021 12:30	06/02/2021 00:01	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.9	18	1	EPA 8260C	06/01/2021 12:30	06/02/2021 00:01	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*109 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.8 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.4 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.5**		%	0.100	1	SM 2540G	05/28/2021 15:13	06/01/2021 10:12	OT
							Certifications: CTDOH			

Analytical Batch Summary

Batch ID: BE11463 **Preparation Method:** EPA 3546 EPH **Prepared By:** S_K

YORK Sample ID	Client Sample ID	Preparation Date
21E1205-14	WC-PCE-Q3-15-30'	05/28/21
BE11463-BLK1	Blank	05/28/21
BE11463-BS1	LCS	05/28/21
BE11463-BSD1	LCS Dup	05/28/21
BE11463-DUP1	Duplicate	05/28/21
BE11463-MS1	Matrix Spike	05/28/21

Batch ID: BE11470 **Preparation Method:** EPA 5035A **Prepared By:** YG

YORK Sample ID	Client Sample ID	Preparation Date
21E1205-01	WC-HF-Q3-1	05/28/21
21E1205-02	WC-HF-Q3-2	05/28/21
21E1205-03	WC-HF-Q3-3	05/28/21
21E1205-04	WC-HF-Q3-4	05/28/21
BE11470-BLK1	Blank	05/28/21
BE11470-BLK2	Blank	05/28/21
BE11470-BS1	LCS	05/28/21
BE11470-BSD1	LCS Dup	05/28/21
BE11470-MS1	Matrix Spike	05/28/21
BE11470-MSD1	Matrix Spike Dup	05/28/21

Batch ID: BE11479 **Preparation Method:** % Solids Prep **Prepared By:** ALH

YORK Sample ID	Client Sample ID	Preparation Date
21E1205-14	WC-PCE-Q3-15-30'	05/28/21
BE11479-DUP1	Duplicate	05/28/21

Batch ID: BE11515 **Preparation Method:** % Solids Prep **Prepared By:** OT

YORK Sample ID	Client Sample ID	Preparation Date
21E1205-01	WC-HF-Q3-1	05/28/21
21E1205-02	WC-HF-Q3-2	05/28/21
21E1205-03	WC-HF-Q3-3	05/28/21
21E1205-04	WC-HF-Q3-4	05/28/21
21E1205-05	WC-HF-Q3-5	05/28/21
21E1205-06	WC-HF-Q4-1	05/28/21
21E1205-07	WC-HF-Q4-2	05/28/21
21E1205-08	WC-HF-Q4-3	05/28/21
21E1205-09	WC-HF-Q4-4	05/28/21
21E1205-10	WC-HF-Q4-5	05/28/21
21E1205-11	WC-PCE-Q3-4'	05/28/21
21E1205-12	WC-PCE-Q3-11-12'	05/28/21
21E1205-13	WC-PCE-Q3-26'	05/28/21
21E1205-15	WC-PCE-Q4-3'	05/28/21

21E1205-16	WC-PCE-Q4-7'	05/28/21
21E1205-18	WC-PCE-Q4-12'	05/28/21
BE11515-DUP1	Duplicate	05/28/21

Batch ID: BE11516 **Preparation Method:** % Solids Prep **Prepared By:** OT

YORK Sample ID	Client Sample ID	Preparation Date
21E1205-20	WC-CS-Q3-7'	05/28/21
21E1205-22	WC-CS-Q3-13'	05/28/21
21E1205-24	WC-CS-Q3-18'	05/28/21
21E1205-25	WC-CS-Q3-23'	05/28/21
21E1205-27	WC-CS-Q4-7'	05/28/21
21E1205-29	WC-CS-Q4-12'	05/28/21
21E1205-31	WC-CS-Q4-17'	05/28/21
21E1205-32	WC-CS-Q4-22'	05/28/21
BE11516-DUP1	Duplicate	05/28/21

Batch ID: BF10001 **Preparation Method:** EPA 3550C **Prepared By:** RTH

YORK Sample ID	Client Sample ID	Preparation Date
21E1205-14	WC-PCE-Q3-15-30'	06/01/21
21E1205-14	WC-PCE-Q3-15-30'	06/01/21
BF10001-BLK1	Blank	06/01/21
BF10001-BLK2	Blank	06/01/21
BF10001-BS1	LCS	06/01/21
BF10001-BS2	LCS	06/01/21
BF10001-MS1	Matrix Spike	06/01/21
BF10001-MSD1	Matrix Spike Dup	06/01/21

Batch ID: BF10009 **Preparation Method:** EPA 5035A **Prepared By:** YG

YORK Sample ID	Client Sample ID	Preparation Date
21E1205-04RE1	WC-HF-Q3-4	06/01/21
21E1205-05	WC-HF-Q3-5	06/01/21
21E1205-06	WC-HF-Q4-1	06/01/21
21E1205-07	WC-HF-Q4-2	06/01/21
21E1205-08	WC-HF-Q4-3	06/01/21
21E1205-09	WC-HF-Q4-4	06/01/21
21E1205-10	WC-HF-Q4-5	06/01/21
21E1205-11	WC-PCE-Q3-4'	06/01/21
21E1205-12	WC-PCE-Q3-11-12'	06/01/21
21E1205-13	WC-PCE-Q3-26'	06/01/21
21E1205-15	WC-PCE-Q4-3'	06/01/21
21E1205-16	WC-PCE-Q4-7'	06/01/21
21E1205-18	WC-PCE-Q4-12'	06/01/21
21E1205-20	WC-CS-Q3-7'	06/01/21
21E1205-22	WC-CS-Q3-13'	06/01/21
21E1205-24	WC-CS-Q3-18'	06/01/21
21E1205-25	WC-CS-Q3-23'	06/01/21
BF10009-BLK1	Blank	06/01/21

BF10009-BLK2	Blank	06/01/21
BF10009-BS1	LCS	06/01/21
BF10009-BSD1	LCS Dup	06/01/21

Batch ID: BF10010 **Preparation Method:** EPA 3050B **Prepared By:** OT

YORK Sample ID	Client Sample ID	Preparation Date
21E1205-14	WC-PCE-Q3-15-30'	06/01/21
BF10010-BLK1	Blank	06/01/21
BF10010-DUP1	Duplicate	06/01/21
BF10010-MS1	Matrix Spike	06/01/21
BF10010-PS1	Post Spike	06/01/21
BF10010-SRM1	Reference	06/01/21

Batch ID: BF10015 **Preparation Method:** EPA 7473 soil **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
21E1205-14	WC-PCE-Q3-15-30'	06/01/21
BF10015-BLK1	Blank	06/01/21
BF10015-DUP1	Duplicate	06/01/21
BF10015-MS1	Matrix Spike	06/01/21
BF10015-SRM1	Reference	06/01/21

Batch ID: BF10031 **Preparation Method:** EPA 5035A **Prepared By:** YG

YORK Sample ID	Client Sample ID	Preparation Date
21E1205-27	WC-CS-Q4-7'	06/01/21
21E1205-29	WC-CS-Q4-12'	06/01/21
21E1205-31	WC-CS-Q4-17'	06/01/21
21E1205-32	WC-CS-Q4-22'	06/01/21
BF10031-BLK1	Blank	06/01/21
BF10031-BLK2	Blank	06/01/21
BF10031-BS1	LCS	06/01/21
BF10031-BSD1	LCS Dup	06/01/21

Batch ID: BF10044 **Preparation Method:** EPA SW 846-1311 TCLP extr. for SV(**Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date
21E1205-14	WC-PCE-Q3-15-30'	06/01/21
BF10044-BLK1	Blank	06/01/21

Batch ID: BF10046 **Preparation Method:** EPA SW 846-1311 TCLP ZHE for VO **Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date
21E1205-14	WC-PCE-Q3-15-30'	06/01/21
BF10046-BLK1	Blank	06/01/21

Batch ID: BF10060 **Preparation Method:** EPA 3550C/8151A **Prepared By:** SJB

YORK Sample ID	Client Sample ID	Preparation Date
21E1205-14	WC-PCE-Q3-15-30'	06/02/21
BF10060-BLK1	Blank	06/02/21
BF10060-BS1	LCS	06/02/21
BF10060-MS1	Matrix Spike	06/02/21
BF10060-MSD1	Matrix Spike Dup	06/02/21

Batch ID: BF10101 **Preparation Method:** EPA 3510C/1311 **Prepared By:** GO

YORK Sample ID	Client Sample ID	Preparation Date
21E1205-14	WC-PCE-Q3-15-30'	06/02/21
BF10101-BLK1	Blank	06/02/21
BF10101-BS1	LCS	06/02/21
BF10101-BSD1	LCS Dup	06/02/21
BF10101-LBK1	Leach Fluid Blank	06/02/21
BF10101-MS1	Matrix Spike	06/02/21

Batch ID: BF10123 **Preparation Method:** EPA 5030B/1311 **Prepared By:** YG

YORK Sample ID	Client Sample ID	Preparation Date
21E1205-14	WC-PCE-Q3-15-30'	06/02/21
BF10123-BLK1	Blank	06/02/21
BF10123-BLK2	Blank	06/02/21
BF10123-BS1	LCS	06/02/21
BF10123-BSD1	LCS Dup	06/02/21
BF10123-DUP1	Duplicate	06/02/21
BF10123-LBK1	Leach Fluid Blank	06/02/21

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 BE11470 - EPA 5035A											
Blank (BE11470-BLK1)											Prepared & Analyzed: 05/28/2021
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2-Butanone	ND	5.0	"								
2-Hexanone	ND	5.0	"								
4-Methyl-2-pentanone	ND	5.0	"								
Acetone	ND	10	"								
Acrolein	ND	10	"								
Acrylonitrile	ND	5.0	"								
Benzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon disulfide	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Cyclohexane	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl acetate	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylcyclohexane	ND	5.0	"								

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 BE11470 - EPA 5035A											
Blank (BE11470-BLK1)											Prepared & Analyzed: 05/28/2021
Methylene chloride	ND	10	ug/kg wet								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butyl alcohol (TBA)	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
trans-1,4-dichloro-2-butene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.8*		*ug/L*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.6*		*"*	*50.0*		*101*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*52.5*		*"*	*50.0*		*105*	*76-130*				
Blank (BE11470-BLK2)											Prepared & Analyzed: 05/28/2021
1,1,1,2-Tetrachloroethane	ND	500	ug/kg wet								
1,1,1-Trichloroethane	ND	500	"								
1,1,2,2-Tetrachloroethane	ND	500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	500	"								
1,1,2-Trichloroethane	ND	500	"								
1,1-Dichloroethane	ND	500	"								
1,1-Dichloroethylene	ND	500	"								
1,2,3-Trichlorobenzene	ND	500	"								
1,2,3-Trichloropropane	ND	500	"								
1,2,4-Trichlorobenzene	ND	500	"								
1,2,4-Trimethylbenzene	ND	500	"								
1,2-Dibromo-3-chloropropane	ND	500	"								
1,2-Dibromoethane	ND	500	"								
1,2-Dichlorobenzene	ND	500	"								
1,2-Dichloroethane	ND	500	"								
1,2-Dichloropropane	ND	500	"								
1,3,5-Trimethylbenzene	ND	500	"								
1,3-Dichlorobenzene	ND	500	"								
1,4-Dichlorobenzene	ND	500	"								
1,4-Dioxane	ND	10000	"								
2-Butanone	ND	500	"								
2-Hexanone	ND	500	"								
4-Methyl-2-pentanone	ND	500	"								
Acetone	ND	1000	"								
Acrolein	ND	1000	"								
Acrylonitrile	ND	500	"								

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 BE11470 - EPA 5035A											
Blank (BE11470-BLK2)											
Prepared & Analyzed: 05/28/2021											
Benzene	ND	500	ug/kg wet								
Bromochloromethane	ND	500	"								
Bromodichloromethane	ND	500	"								
Bromoform	ND	500	"								
Bromomethane	ND	500	"								
Carbon disulfide	ND	500	"								
Carbon tetrachloride	ND	500	"								
Chlorobenzene	ND	500	"								
Chloroethane	ND	500	"								
Chloroform	ND	500	"								
Chloromethane	ND	500	"								
cis-1,2-Dichloroethylene	ND	500	"								
cis-1,3-Dichloropropylene	ND	500	"								
Cyclohexane	ND	500	"								
Dibromochloromethane	ND	500	"								
Dibromomethane	ND	500	"								
Dichlorodifluoromethane	ND	500	"								
Ethyl Benzene	ND	500	"								
Hexachlorobutadiene	ND	500	"								
Isopropylbenzene	ND	500	"								
Methyl acetate	ND	500	"								
Methyl tert-butyl ether (MTBE)	ND	500	"								
Methylcyclohexane	ND	500	"								
Methylene chloride	ND	1000	"								
n-Butylbenzene	ND	500	"								
n-Propylbenzene	ND	500	"								
o-Xylene	ND	500	"								
p- & m- Xylenes	ND	1000	"								
p-Isopropyltoluene	ND	500	"								
sec-Butylbenzene	ND	500	"								
Styrene	ND	500	"								
tert-Butyl alcohol (TBA)	ND	500	"								
tert-Butylbenzene	ND	500	"								
Tetrachloroethylene	ND	500	"								
Toluene	ND	500	"								
trans-1,2-Dichloroethylene	ND	500	"								
trans-1,3-Dichloropropylene	ND	500	"								
trans-1,4-dichloro-2-butene	ND	500	"								
Trichloroethylene	ND	500	"								
Trichlorofluoromethane	ND	500	"								
Vinyl Chloride	ND	500	"								
Xylenes, Total	ND	1500	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.7*		*ug/L*	*50.0*		*103*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.4*		*"*	*50.0*		*101*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*52.6*		*"*	*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 BE11470 - EPA 5035A											
LCS (BE11470-BS1)							Prepared & Analyzed: 05/28/2021				
1,1,1,2-Tetrachloroethane	50		ug/L	50.0		101	75-129				
1,1,1-Trichloroethane	54		"	50.0		107	71-137				
1,1,2,2-Tetrachloroethane	49		"	50.0		97.4	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	55		"	50.0		109	58-146				
1,1,2-Trichloroethane	48		"	50.0		96.3	83-123				
1,1-Dichloroethane	48		"	50.0		95.9	75-130				
1,1-Dichloroethylene	56		"	50.0		112	64-137				
1,2,3-Trichlorobenzene	49		"	50.0		98.6	81-140				
1,2,3-Trichloropropane	49		"	50.0		97.6	81-126				
1,2,4-Trichlorobenzene	50		"	50.0		99.3	80-141				
1,2,4-Trimethylbenzene	51		"	50.0		101	84-125				
1,2-Dibromo-3-chloropropane	51		"	50.0		101	74-142				
1,2-Dibromoethane	50		"	50.0		100	86-123				
1,2-Dichlorobenzene	48		"	50.0		96.2	85-122				
1,2-Dichloroethane	51		"	50.0		102	71-133				
1,2-Dichloropropane	47		"	50.0		94.5	81-122				
1,3,5-Trimethylbenzene	50		"	50.0		99.4	82-126				
1,3-Dichlorobenzene	48		"	50.0		95.9	84-124				
1,4-Dichlorobenzene	49		"	50.0		98.0	84-124				
1,4-Dioxane	1100		"	1050		102	10-228				
2-Butanone	46		"	50.0		92.2	58-147				
2-Hexanone	51		"	50.0		102	70-139				
4-Methyl-2-pentanone	51		"	50.0		101	72-132				
Acetone	35		"	50.0		69.8	36-155				
Acrolein	66		"	50.0		132	10-238				
Acrylonitrile	50		"	50.0		100	66-141				
Benzene	50		"	50.0		99.6	77-127				
Bromochloromethane	48		"	50.0		96.4	74-129				
Bromodichloromethane	52		"	50.0		105	81-124				
Bromoform	50		"	50.0		100	80-136				
Bromomethane	52		"	50.0		104	32-177				
Carbon disulfide	57		"	50.0		114	10-136				
Carbon tetrachloride	53		"	50.0		106	66-143				
Chlorobenzene	49		"	50.0		98.2	86-120				
Chloroethane	62		"	50.0		124	51-142				
Chloroform	51		"	50.0		103	76-131				
Chloromethane	47		"	50.0		93.7	49-132				
cis-1,2-Dichloroethylene	50		"	50.0		99.4	74-132				
cis-1,3-Dichloropropylene	50		"	50.0		101	81-129				
Cyclohexane	48		"	50.0		96.3	70-130				
Dibromochloromethane	51		"	50.0		102	10-200				
Dibromomethane	49		"	50.0		98.6	83-124				
Dichlorodifluoromethane	58		"	50.0		115	28-158				
Ethyl Benzene	52		"	50.0		103	84-125				
Hexachlorobutadiene	51		"	50.0		101	83-133				
Isopropylbenzene	49		"	50.0		97.5	81-127				
Methyl acetate	44		"	50.0		87.9	41-143				
Methyl tert-butyl ether (MTBE)	48		"	50.0		96.0	74-131				
Methylcyclohexane	46		"	50.0		91.7	70-130				
Methylene chloride	51		"	50.0		102	57-141				

Volatile Organic Compounds by GC/MS - Quality Control Data

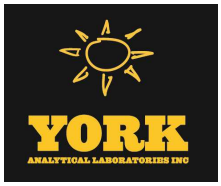
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE11470 - EPA 5035A											
LCS (BE11470-BS1)							Prepared & Analyzed: 05/28/2021				
n-Butylbenzene	63		ug/L	50.0		126	80-130				
n-Propylbenzene	49		"	50.0		98.5	74-136				
o-Xylene	50		"	50.0		101	83-123				
p- & m- Xylenes	100		"	100		103	82-128				
p-Isopropyltoluene	51		"	50.0		102	85-125				
sec-Butylbenzene	53		"	50.0		106	83-125				
Styrene	52		"	50.0		105	86-126				
tert-Butyl alcohol (TBA)	250		"	250		102	70-130				
tert-Butylbenzene	44		"	50.0		87.0	80-127				
Tetrachloroethylene	43		"	50.0		85.1	80-129				
Toluene	50		"	50.0		101	85-121				
trans-1,2-Dichloroethylene	53		"	50.0		106	72-132				
trans-1,3-Dichloropropylene	51		"	50.0		101	78-132				
trans-1,4-dichloro-2-butene	50		"	50.0		99.9	75-135				
Trichloroethylene	51		"	50.0		102	84-123				
Trichlorofluoromethane	57		"	50.0		115	62-140				
Vinyl Chloride	61		"	50.0		122	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.8*		*"*	*50.0*		*104*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.0*		*"*	*50.0*		*99.9*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.8*		*"*	*50.0*		*97.6*	*76-130*				
LCS Dup (BE11470-BSD1)							Prepared & Analyzed: 05/28/2021				
1,1,1,2-Tetrachloroethane	51		ug/L	50.0		102	75-129		1.18	30	
1,1,1-Trichloroethane	54		"	50.0		108	71-137		1.22	30	
1,1,2,2-Tetrachloroethane	50		"	50.0		99.6	79-129		2.27	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	56		"	50.0		111	58-146		2.00	30	
1,1,2-Trichloroethane	49		"	50.0		97.5	83-123		1.18	30	
1,1-Dichloroethane	49		"	50.0		97.1	75-130		1.29	30	
1,1-Dichloroethylene	56		"	50.0		112	64-137		0.196	30	
1,2,3-Trichlorobenzene	49		"	50.0		98.9	81-140		0.283	30	
1,2,3-Trichloropropane	50		"	50.0		99.1	81-126		1.46	30	
1,2,4-Trichlorobenzene	51		"	50.0		101	80-141		2.11	30	
1,2,4-Trimethylbenzene	51		"	50.0		102	84-125		0.513	30	
1,2-Dibromo-3-chloropropane	51		"	50.0		103	74-142		1.55	30	
1,2-Dibromoethane	50		"	50.0		99.7	86-123		0.600	30	
1,2-Dichlorobenzene	49		"	50.0		97.2	85-122		1.03	30	
1,2-Dichloroethane	52		"	50.0		103	71-133		0.740	30	
1,2-Dichloropropane	48		"	50.0		96.3	81-122		1.95	30	
1,3,5-Trimethylbenzene	51		"	50.0		103	82-126		3.19	30	
1,3-Dichlorobenzene	49		"	50.0		98.4	84-124		2.63	30	
1,4-Dichlorobenzene	50		"	50.0		99.2	84-124		1.26	30	
1,4-Dioxane	1000		"	1050		99.2	10-228		3.08	30	
2-Butanone	47		"	50.0		94.5	58-147		2.40	30	
2-Hexanone	51		"	50.0		102	70-139		0.0196	30	
4-Methyl-2-pentanone	52		"	50.0		104	72-132		3.33	30	
Acetone	36		"	50.0		71.8	36-155		2.74	30	
Acrolein	66		"	50.0		133	10-238		0.257	30	
Acrylonitrile	53		"	50.0		105	66-141		4.52	30	
Benzene	51		"	50.0		101	77-127		1.51	30	
Bromochloromethane	48		"	50.0		96.7	74-129		0.394	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 BE11470 - EPA 5035A											
LCS Dup (BE11470-BSD1)							Prepared & Analyzed: 05/28/2021				
Bromodichloromethane	53		ug/L	50.0		105	81-124		0.324	30	
Bromoform	51		"	50.0		102	80-136		1.72	30	
Bromomethane	56		"	50.0		112	32-177		7.10	30	
Carbon disulfide	57		"	50.0		115	10-136		0.821	30	
Carbon tetrachloride	54		"	50.0		107	66-143		1.27	30	
Chlorobenzene	49		"	50.0		98.4	86-120		0.203	30	
Chloroethane	62		"	50.0		124	51-142		0.613	30	
Chloroform	51		"	50.0		102	76-131		0.526	30	
Chloromethane	49		"	50.0		97.5	49-132		3.89	30	
cis-1,2-Dichloroethylene	50		"	50.0		99.9	74-132		0.462	30	
cis-1,3-Dichloropropylene	51		"	50.0		102	81-129		0.888	30	
Cyclohexane	50		"	50.0		100	70-130		3.89	30	
Dibromochloromethane	51		"	50.0		102	10-200		0.608	30	
Dibromomethane	51		"	50.0		101	83-124		2.52	30	
Dichlorodifluoromethane	63		"	50.0		126	28-158		8.67	30	
Ethyl Benzene	52		"	50.0		105	84-125		1.60	30	
Hexachlorobutadiene	52		"	50.0		103	83-133		1.96	30	
Isopropylbenzene	50		"	50.0		100	81-127		2.57	30	
Methyl acetate	44		"	50.0		88.3	41-143		0.431	30	
Methyl tert-butyl ether (MTBE)	50		"	50.0		101	74-131		4.64	30	
Methylcyclohexane	46		"	50.0		92.5	70-130		0.890	30	
Methylene chloride	53		"	50.0		107	57-141		4.27	30	
n-Butylbenzene	64		"	50.0		128	80-130		1.95	30	
n-Propylbenzene	50		"	50.0		100	74-136		1.83	30	
o-Xylene	51		"	50.0		103	83-123		1.63	30	
p- & m- Xylenes	100		"	100		104	82-128		1.27	30	
p-Isopropyltoluene	52		"	50.0		104	85-125		1.49	30	
sec-Butylbenzene	54		"	50.0		109	83-125		2.79	30	
Styrene	53		"	50.0		106	86-126		0.837	30	
tert-Butyl alcohol (TBA)	270		"	250		108	70-130		6.28	30	
tert-Butylbenzene	44		"	50.0		87.6	80-127		0.641	30	
Tetrachloroethylene	43		"	50.0		86.5	80-129		1.68	30	
Toluene	52		"	50.0		103	85-121		2.10	30	
trans-1,2-Dichloroethylene	55		"	50.0		109	72-132		2.92	30	
trans-1,3-Dichloropropylene	51		"	50.0		102	78-132		0.315	30	
trans-1,4-dichloro-2-butene	51		"	50.0		102	75-135		1.59	30	
Trichloroethylene	52		"	50.0		104	84-123		1.20	30	
Trichlorofluoromethane	58		"	50.0		115	62-140		0.278	30	
Vinyl Chloride	61		"	50.0		123	52-130		0.669	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.4*		*"*	*50.0*		*103*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.4*		*"*	*50.0*		*101*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.2*		*"*	*50.0*		*98.4*	*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 BE11470 - EPA 5035A											
Matrix Spike (BE11470-MS1)	*Source sample: 21E1163-02 (Matrix Spike)							Prepared & Analyzed: 05/28/2021			
1,1,1,2-Tetrachloroethane	42		ug/L	50.0	0.0	83.2	15-161				
1,1,1-Trichloroethane	48		"	50.0	0.0	95.4	42-145				
1,1,2,2-Tetrachloroethane	43		"	50.0	0.0	86.4	16-167				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	47		"	50.0	0.0	93.7	11-160				
1,1,2-Trichloroethane	42		"	50.0	0.0	84.5	44-145				
1,1-Dichloroethane	44		"	50.0	0.0	87.1	46-142				
1,1-Dichloroethylene	51		"	50.0	0.0	102	30-153				
1,2,3-Trichlorobenzene	21		"	50.0	0.0	41.1	10-157				
1,2,3-Trichloropropane	43		"	50.0	0.0	85.3	38-155				
1,2,4-Trichlorobenzene	23		"	50.0	0.0	45.1	10-151				
1,2,4-Trimethylbenzene	36		"	50.0	0.0	72.2	10-170				
1,2-Dibromo-3-chloropropane	38		"	50.0	0.0	76.1	36-138				
1,2-Dibromoethane	43		"	50.0	0.0	85.7	40-142				
1,2-Dichlorobenzene	30		"	50.0	0.0	60.9	10-147				
1,2-Dichloroethane	46		"	50.0	0.0	92.9	48-133				
1,2-Dichloropropane	45		"	50.0	0.0	89.6	47-141				
1,3,5-Trimethylbenzene	38		"	50.0	0.0	76.3	10-150				
1,3-Dichlorobenzene	30		"	50.0	0.0	59.5	10-144				
1,4-Dichlorobenzene	30		"	50.0	0.0	59.9	10-160				
1,4-Dioxane	1100		"	1050	0.0	108	10-191				
2-Butanone	43		"	50.0	0.0	86.5	10-189				
2-Hexanone	46		"	50.0	0.0	92.0	10-181				
4-Methyl-2-pentanone	49		"	50.0	0.0	97.7	10-166				
Acetone	39		"	50.0	13	52.4	10-196				
Acrolein	30		"	50.0	0.0	59.1	10-192				
Acrylonitrile	46		"	50.0	0.0	92.9	13-161				
Benzene	44		"	50.0	0.0	88.8	43-139				
Bromochloromethane	45		"	50.0	0.0	89.4	38-145				
Bromodichloromethane	47		"	50.0	0.0	93.5	38-147				
Bromoform	38		"	50.0	0.0	75.1	29-156				
Bromomethane	92		"	50.0	0.0	184	10-166	High Bias			
Carbon disulfide	45		"	50.0	0.0	89.5	10-131				
Carbon tetrachloride	46		"	50.0	0.0	92.6	35-145				
Chlorobenzene	38		"	50.0	0.0	76.3	21-154				
Chloroethane	59		"	50.0	0.0	118	15-160				
Chloroform	45		"	50.0	0.0	90.7	47-142				
Chloromethane	42		"	50.0	0.0	84.7	10-159				
cis-1,2-Dichloroethylene	43		"	50.0	0.0	86.9	42-144				
cis-1,3-Dichloropropylene	44		"	50.0	0.0	87.7	18-159				
Cyclohexane	41		"	50.0	0.0	81.8	70-130				
Dibromochloromethane	41		"	50.0	0.0	82.9	10-179				
Dibromomethane	45		"	50.0	0.0	89.7	47-143				
Dichlorodifluoromethane	59		"	50.0	0.0	118	10-145				
Ethyl Benzene	42		"	50.0	0.0	83.0	11-158				
Hexachlorobutadiene	19		"	50.0	0.0	38.3	10-158				
Isopropylbenzene	40		"	50.0	0.0	79.7	10-162				
Methyl acetate	46		"	50.0	0.0	91.7	10-149				
Methyl tert-butyl ether (MTBE)	47		"	50.0	0.0	93.3	42-152				
Methylcyclohexane	35		"	50.0	0.0	70.5	70-130				
Methylene chloride	100		"	50.0	22	157	28-151	High Bias			

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 BE11470 - EPA 5035A											
Matrix Spike (BE11470-MS1)	*Source sample: 21E1163-02 (Matrix Spike)							Prepared & Analyzed: 05/28/2021			
n-Butylbenzene	38		ug/L	50.0	0.0	75.8	10-162				
n-Propylbenzene	37		"	50.0	0.0	73.7	10-155				
o-Xylene	40		"	50.0	0.0	80.5	10-158				
p- & m- Xylenes	82		"	100	0.0	82.1	10-156				
p-Isopropyltoluene	35		"	50.0	0.0	69.2	10-147				
sec-Butylbenzene	36		"	50.0	0.0	71.8	10-157				
Styrene	39		"	50.0	0.0	78.0	13-171				
tert-Butyl alcohol (TBA)	240		"	250	0.0	97.2	34-179				
tert-Butylbenzene	32		"	50.0	0.0	64.3	10-160				
Tetrachloroethylene	39		"	50.0	0.0	78.7	30-167				
Toluene	44		"	50.0	0.0	88.3	21-160				
trans-1,2-Dichloroethylene	46		"	50.0	0.0	91.9	29-153				
trans-1,3-Dichloropropylene	41		"	50.0	0.0	81.1	18-155				
trans-1,4-dichloro-2-butene	42		"	50.0	0.0	84.2	17-154				
Trichloroethylene	46		"	50.0	0.0	91.4	24-169				
Trichlorofluoromethane	49		"	50.0	0.0	97.2	35-142				
Vinyl Chloride	57		"	50.0	0.0	115	12-160				
Surrogate: SURR: 1,2-Dichloroethane-d4	*52.4*		*"*	*50.0*		*105*	*77-125*				
Surrogate: SURR: Toluene-d8	*52.5*		*"*	*50.0*		*105*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.7*		*"*	*50.0*		*103*	*76-130*				
Matrix Spike Dup (BE11470-MSD1)	*Source sample: 21E1163-02 (Matrix Spike Dup)							Prepared & Analyzed: 05/28/2021			
1,1,1,2-Tetrachloroethane	43		ug/L	50.0	0.0	85.2	15-161		2.33	33	
1,1,1-Trichloroethane	48		"	50.0	0.0	95.2	42-145		0.189	30	
1,1,2,2-Tetrachloroethane	44		"	50.0	0.0	87.4	16-167		1.15	56	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	46		"	50.0	0.0	91.1	11-160		2.77	31	
1,1,2-Trichloroethane	42		"	50.0	0.0	84.9	44-145		0.472	40	
1,1-Dichloroethane	46		"	50.0	0.0	91.0	46-142		4.33	36	
1,1-Dichloroethylene	48		"	50.0	0.0	95.7	30-153		6.12	31	
1,2,3-Trichlorobenzene	23		"	50.0	0.0	45.4	10-157		9.90	47	
1,2,3-Trichloropropane	44		"	50.0	0.0	88.9	38-155		4.04	48	
1,2,4-Trichlorobenzene	23		"	50.0	0.0	46.5	10-151		3.14	52	
1,2,4-Trimethylbenzene	37		"	50.0	0.0	74.7	10-170		3.35	242	
1,2-Dibromo-3-chloropropane	43		"	50.0	0.0	85.2	36-138		11.3	54	
1,2-Dibromoethane	42		"	50.0	0.0	84.2	40-142		1.77	39	
1,2-Dichlorobenzene	33		"	50.0	0.0	65.4	10-147		7.16	52	
1,2-Dichloroethane	46		"	50.0	0.0	91.7	48-133		1.30	32	
1,2-Dichloropropane	43		"	50.0	0.0	85.5	47-141		4.71	37	
1,3,5-Trimethylbenzene	38		"	50.0	0.0	76.5	10-150		0.262	62	
1,3-Dichlorobenzene	32		"	50.0	0.0	63.8	10-144		7.04	51	
1,4-Dichlorobenzene	32		"	50.0	0.0	63.8	10-160		6.31	52	
1,4-Dioxane	1100		"	1050	0.0	101	10-191		6.78	196	
2-Butanone	41		"	50.0	0.0	82.5	10-189		4.69	67	
2-Hexanone	43		"	50.0	0.0	86.8	10-181		5.86	60	
4-Methyl-2-pentanone	46		"	50.0	0.0	92.0	10-166		6.07	47	
Acetone	40		"	50.0	14	51.1	10-196		2.67	150	
Acrolein	32		"	50.0	0.0	65.0	10-192		9.47	128	
Acrylonitrile	43		"	50.0	0.0	85.3	13-161		8.44	48	
Benzene	44		"	50.0	0.0	89.0	43-139		0.202	64	
Bromochloromethane	43		"	50.0	0.0	86.5	38-145		3.27	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 BE11470 - EPA 5035A											
Matrix Spike Dup (BE11470-MSD1)	*Source sample: 21E1163-02 (Matrix Spike Dup)								Prepared & Analyzed: 05/28/2021		
Bromodichloromethane	46		ug/L	50.0	0.0	91.2	38-147		2.47	37	
Bromoform	40		"	50.0	0.0	79.7	29-156		5.94	51	
Bromomethane	53		"	50.0	0.0	106	10-166		53.3	42	Non-dir.
Carbon disulfide	43		"	50.0	0.0	86.8	10-131		3.11	36	
Carbon tetrachloride	46		"	50.0	0.0	92.6	35-145		0.00	31	
Chlorobenzene	38		"	50.0	0.0	76.4	21-154		0.131	32	
Chloroethane	54		"	50.0	0.0	109	15-160		8.18	40	
Chloroform	45		"	50.0	0.0	90.0	47-142		0.775	29	
Chloromethane	41		"	50.0	0.0	81.7	10-159		3.60	31	
cis-1,2-Dichloroethylene	43		"	50.0	0.0	85.8	42-144		1.18	30	
cis-1,3-Dichloropropylene	42		"	50.0	0.0	84.5	18-159		3.72	39	
Cyclohexane	41		"	50.0	0.0	81.5	70-130		0.318	30	
Dibromochloromethane	42		"	50.0	0.0	84.9	10-179		2.38	41	
Dibromomethane	43		"	50.0	0.0	85.2	47-143		5.17	41	
Dichlorodifluoromethane	56		"	50.0	0.0	112	10-145		4.66	34	
Ethyl Benzene	42		"	50.0	0.0	83.6	11-158		0.672	42	
Hexachlorobutadiene	20		"	50.0	0.0	39.6	10-158		3.23	45	
Isopropylbenzene	41		"	50.0	0.0	81.4	10-162		2.01	57	
Methyl acetate	43		"	50.0	0.0	85.5	10-149		6.95	64	
Methyl tert-butyl ether (MTBE)	45		"	50.0	0.0	90.4	42-152		3.22	47	
Methylcyclohexane	33		"	50.0	0.0	65.9	70-130	Low Bias	6.77	30	
Methylene chloride	89		"	50.0	24	129	28-151		19.1	49	
n-Butylbenzene	38		"	50.0	0.0	75.7	10-162		0.106	96	
n-Propylbenzene	38		"	50.0	0.0	77.0	10-155		4.38	56	
o-Xylene	40		"	50.0	0.0	80.9	10-158		0.570	51	
p- & m- Xylenes	81		"	100	0.0	81.4	10-156		0.942	47	
p-Isopropyltoluene	35		"	50.0	0.0	69.2	10-147		0.0867	60	
sec-Butylbenzene	37		"	50.0	0.0	73.9	10-157		2.83	56	
Styrene	39		"	50.0	0.0	78.0	13-171		0.0256	39	
tert-Butyl alcohol (TBA)	220		"	250	0.0	89.2	34-179		8.62	35	
tert-Butylbenzene	33		"	50.0	0.0	66.9	10-160		3.96	79	
Tetrachloroethylene	36		"	50.0	0.0	71.2	30-167		9.95	33	
Toluene	44		"	50.0	0.0	88.3	21-160		0.0679	50	
trans-1,2-Dichloroethylene	45		"	50.0	0.0	90.2	29-153		1.95	30	
trans-1,3-Dichloropropylene	40		"	50.0	0.0	80.4	18-155		0.867	30	
trans-1,4-dichloro-2-butene	43		"	50.0	0.0	86.5	17-154		2.79	30	
Trichloroethylene	44		"	50.0	0.0	87.7	24-169		4.13	30	
Trichlorofluoromethane	49		"	50.0	0.0	97.4	35-142		0.206	30	
Vinyl Chloride	53		"	50.0	0.0	107	12-160		7.44	35	
Surrogate: SURR: 1,2-Dichloroethane-d4	*52.3*		*"*	*50.0*		*105*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.9*		*"*	*50.0*		*102*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*52.4*		*"*	*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 BF10009 - EPA 5035A											
Blank (BF10009-BLK1)											
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2-Butanone	ND	5.0	"								
2-Hexanone	ND	5.0	"								
4-Methyl-2-pentanone	ND	5.0	"								
Acetone	ND	10	"								
Acrolein	ND	10	"								
Acrylonitrile	ND	5.0	"								
Benzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon disulfide	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Cyclohexane	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl acetate	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylcyclohexane	ND	5.0	"								
Methylene chloride	ND	10	"								

Prepared & Analyzed: 06/01/2021

Volatile Organic Compounds by GC/MS - Quality Control Data

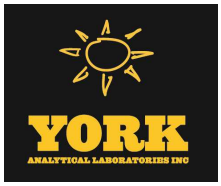
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF10009 - EPA 5035A											
Blank (BF10009-BLK1)											Prepared & Analyzed: 06/01/2021
n-Butylbenzene	ND	5.0	ug/kg wet								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butyl alcohol (TBA)	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
trans-1,4-dichloro-2-butene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*52.8*		*ug/L*	*50.0*		*106*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.5*		*"*	*50.0*		*97.0*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*47.0*		*"*	*50.0*		*94.0*	*76-130*				
Blank (BF10009-BLK2)											Prepared & Analyzed: 06/01/2021
1,1,1,2-Tetrachloroethane	ND	500	ug/kg wet								
1,1,1-Trichloroethane	ND	500	"								
1,1,2,2-Tetrachloroethane	ND	500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	500	"								
1,1,2-Trichloroethane	ND	500	"								
1,1-Dichloroethane	ND	500	"								
1,1-Dichloroethylene	ND	500	"								
1,2,3-Trichlorobenzene	ND	500	"								
1,2,3-Trichloropropane	ND	500	"								
1,2,4-Trichlorobenzene	ND	500	"								
1,2,4-Trimethylbenzene	ND	500	"								
1,2-Dibromo-3-chloropropane	ND	500	"								
1,2-Dibromoethane	ND	500	"								
1,2-Dichlorobenzene	ND	500	"								
1,2-Dichloroethane	ND	500	"								
1,2-Dichloropropane	ND	500	"								
1,3,5-Trimethylbenzene	ND	500	"								
1,3-Dichlorobenzene	ND	500	"								
1,4-Dichlorobenzene	ND	500	"								
1,4-Dioxane	ND	10000	"								
2-Butanone	ND	500	"								
2-Hexanone	ND	500	"								
4-Methyl-2-pentanone	ND	500	"								
Acetone	ND	1000	"								
Acrolein	ND	1000	"								
Acrylonitrile	ND	500	"								
Benzene	ND	500	"								

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 BF10009 - EPA 5035A											
Blank (BF10009-BLK2)											
Prepared & Analyzed: 06/01/2021											
Bromochloromethane	ND	500	ug/kg wet								
Bromodichloromethane	ND	500	"								
Bromoform	ND	500	"								
Bromomethane	ND	500	"								
Carbon disulfide	ND	500	"								
Carbon tetrachloride	ND	500	"								
Chlorobenzene	ND	500	"								
Chloroethane	ND	500	"								
Chloroform	ND	500	"								
Chloromethane	ND	500	"								
cis-1,2-Dichloroethylene	ND	500	"								
cis-1,3-Dichloropropylene	ND	500	"								
Cyclohexane	ND	500	"								
Dibromochloromethane	ND	500	"								
Dibromomethane	ND	500	"								
Dichlorodifluoromethane	ND	500	"								
Ethyl Benzene	ND	500	"								
Hexachlorobutadiene	ND	500	"								
Isopropylbenzene	ND	500	"								
Methyl acetate	ND	500	"								
Methyl tert-butyl ether (MTBE)	ND	500	"								
Methylcyclohexane	ND	500	"								
Methylene chloride	ND	1000	"								
n-Butylbenzene	ND	500	"								
n-Propylbenzene	ND	500	"								
o-Xylene	ND	500	"								
p- & m- Xylenes	ND	1000	"								
p-Isopropyltoluene	ND	500	"								
sec-Butylbenzene	ND	500	"								
Styrene	ND	500	"								
tert-Butyl alcohol (TBA)	ND	500	"								
tert-Butylbenzene	ND	500	"								
Tetrachloroethylene	ND	500	"								
Toluene	ND	500	"								
trans-1,2-Dichloroethylene	ND	500	"								
trans-1,3-Dichloropropylene	ND	500	"								
trans-1,4-dichloro-2-butene	ND	500	"								
Trichloroethylene	ND	500	"								
Trichlorofluoromethane	ND	500	"								
Vinyl Chloride	ND	500	"								
Xylenes, Total	ND	1500	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*53.8*		*ug/L*	*50.0*		*108*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.1*		*"*	*50.0*		*98.3*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*46.6*		*"*	*50.0*		*93.2*	*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 BF10009 - EPA 5035A											
LCS (BF10009-BS1)							Prepared & Analyzed: 06/01/2021				
1,1,1,2-Tetrachloroethane	57		ug/L	50.0		113	75-129				
1,1,1-Trichloroethane	62		"	50.0		124	71-137				
1,1,2,2-Tetrachloroethane	47		"	50.0		93.6	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	57		"	50.0		113	58-146				
1,1,2-Trichloroethane	49		"	50.0		98.4	83-123				
1,1-Dichloroethane	48		"	50.0		96.0	75-130				
1,1-Dichloroethylene	51		"	50.0		102	64-137				
1,2,3-Trichlorobenzene	54		"	50.0		108	81-140				
1,2,3-Trichloropropane	52		"	50.0		103	81-126				
1,2,4-Trichlorobenzene	54		"	50.0		109	80-141				
1,2,4-Trimethylbenzene	54		"	50.0		107	84-125				
1,2-Dibromo-3-chloropropane	51		"	50.0		102	74-142				
1,2-Dibromoethane	53		"	50.0		107	86-123				
1,2-Dichlorobenzene	52		"	50.0		104	85-122				
1,2-Dichloroethane	55		"	50.0		109	71-133				
1,2-Dichloropropane	44		"	50.0		88.5	81-122				
1,3,5-Trimethylbenzene	54		"	50.0		108	82-126				
1,3-Dichlorobenzene	52		"	50.0		105	84-124				
1,4-Dichlorobenzene	52		"	50.0		104	84-124				
1,4-Dioxane	990		"	1050		94.5	10-228				
2-Butanone	21		"	50.0		42.0	58-147	Low Bias			
2-Hexanone	40		"	50.0		79.5	70-139				
4-Methyl-2-pentanone	41		"	50.0		82.6	72-132				
Acetone	29		"	50.0		59.0	36-155				
Acrolein	54		"	50.0		107	10-238				
Acrylonitrile	42		"	50.0		84.0	66-141				
Benzene	52		"	50.0		103	77-127				
Bromochloromethane	41		"	50.0		81.3	74-129				
Bromodichloromethane	54		"	50.0		108	81-124				
Bromoform	59		"	50.0		118	80-136				
Bromomethane	55		"	50.0		111	32-177				
Carbon disulfide	52		"	50.0		103	10-136				
Carbon tetrachloride	63		"	50.0		126	66-143				
Chlorobenzene	52		"	50.0		104	86-120				
Chloroethane	52		"	50.0		104	51-142				
Chloroform	56		"	50.0		111	76-131				
Chloromethane	39		"	50.0		78.1	49-132				
cis-1,2-Dichloroethylene	50		"	50.0		99.4	74-132				
cis-1,3-Dichloropropylene	51		"	50.0		102	81-129				
Cyclohexane	41		"	50.0		82.7	70-130				
Dibromochloromethane	57		"	50.0		113	10-200				
Dibromomethane	50		"	50.0		99.4	83-124				
Dichlorodifluoromethane	59		"	50.0		117	28-158				
Ethyl Benzene	55		"	50.0		110	84-125				
Hexachlorobutadiene	61		"	50.0		121	83-133				
Isopropylbenzene	51		"	50.0		101	81-127				
Methyl acetate	40		"	50.0		79.6	41-143				
Methyl tert-butyl ether (MTBE)	50		"	50.0		99.2	74-131				
Methylcyclohexane	47		"	50.0		94.6	70-130				
Methylene chloride	41		"	50.0		81.1	57-141				

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 BF10009 - EPA 5035A											
LCS (BF10009-BS1)								Prepared & Analyzed: 06/01/2021			
n-Butylbenzene	54		ug/L	50.0		108	80-130				
n-Propylbenzene	50		"	50.0		100	74-136				
o-Xylene	54		"	50.0		109	83-123				
p- & m- Xylenes	110		"	100		110	82-128				
p-Isopropyltoluene	54		"	50.0		108	85-125				
sec-Butylbenzene	55		"	50.0		110	83-125				
Styrene	55		"	50.0		110	86-126				
tert-Butyl alcohol (TBA)	220		"	250		87.3	70-130				
tert-Butylbenzene	52		"	50.0		104	80-127				
Tetrachloroethylene	46		"	50.0		92.5	80-129				
Toluene	53		"	50.0		105	85-121				
trans-1,2-Dichloroethylene	53		"	50.0		106	72-132				
trans-1,3-Dichloropropylene	52		"	50.0		105	78-132				
trans-1,4-dichloro-2-butene	48		"	50.0		95.1	75-135				
Trichloroethylene	54		"	50.0		107	84-123				
Trichlorofluoromethane	62		"	50.0		123	62-140				
Vinyl Chloride	47		"	50.0		94.4	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*52.8*		*"*	*50.0*		*106*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.4*		*"*	*50.0*		*98.7*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.5*		*"*	*50.0*		*97.0*	*76-130*				
LCS Dup (BF10009-BSD1)								Prepared & Analyzed: 06/01/2021			
1,1,1,2-Tetrachloroethane	56		ug/L	50.0		112	75-129		1.23	30	
1,1,1-Trichloroethane	61		"	50.0		122	71-137		1.70	30	
1,1,2,2-Tetrachloroethane	47		"	50.0		94.1	79-129		0.554	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	55		"	50.0		111	58-146		2.03	30	
1,1,2-Trichloroethane	48		"	50.0		96.7	83-123		1.76	30	
1,1-Dichloroethane	48		"	50.0		95.9	75-130		0.146	30	
1,1-Dichloroethylene	51		"	50.0		101	64-137		0.866	30	
1,2,3-Trichlorobenzene	54		"	50.0		108	81-140		0.481	30	
1,2,3-Trichloropropane	51		"	50.0		102	81-126		1.25	30	
1,2,4-Trichlorobenzene	54		"	50.0		108	80-141		0.313	30	
1,2,4-Trimethylbenzene	53		"	50.0		107	84-125		0.355	30	
1,2-Dibromo-3-chloropropane	49		"	50.0		98.6	74-142		3.84	30	
1,2-Dibromoethane	52		"	50.0		104	86-123		2.37	30	
1,2-Dichlorobenzene	52		"	50.0		103	85-122		0.444	30	
1,2-Dichloroethane	54		"	50.0		109	71-133		0.587	30	
1,2-Dichloropropane	44		"	50.0		88.1	81-122		0.453	30	
1,3,5-Trimethylbenzene	54		"	50.0		107	82-126		0.483	30	
1,3-Dichlorobenzene	52		"	50.0		103	84-124		1.06	30	
1,4-Dichlorobenzene	52		"	50.0		104	84-124		0.0772	30	
1,4-Dioxane	1000		"	1050		95.2	10-228		0.788	30	
2-Butanone	44		"	50.0		88.0	58-147		70.7	30	Non-dir.
2-Hexanone	36		"	50.0		72.9	70-139		8.67	30	
4-Methyl-2-pentanone	39		"	50.0		79.0	72-132		4.51	30	
Acetone	28		"	50.0		56.8	36-155		3.80	30	
Acrolein	49		"	50.0		98.9	10-238		7.96	30	
Acrylonitrile	42		"	50.0		83.0	66-141		1.22	30	
Benzene	51		"	50.0		102	77-127		0.720	30	
Bromochloromethane	41		"	50.0		81.3	74-129		0.0984	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 BF10009 - EPA 5035A											
LCS Dup (BF10009-BSD1)								Prepared & Analyzed: 06/01/2021			
Bromodichloromethane	53		ug/L	50.0		106	81-124		2.09	30	
Bromoform	57		"	50.0		115	80-136		2.92	30	
Bromomethane	56		"	50.0		111	32-177		0.468	30	
Carbon disulfide	51		"	50.0		102	10-136		1.35	30	
Carbon tetrachloride	63		"	50.0		125	66-143		0.0797	30	
Chlorobenzene	52		"	50.0		104	86-120		0.461	30	
Chloroethane	53		"	50.0		106	51-142		1.87	30	
Chloroform	55		"	50.0		110	76-131		0.524	30	
Chloromethane	39		"	50.0		78.0	49-132		0.154	30	
cis-1,2-Dichloroethylene	50		"	50.0		100	74-132		0.762	30	
cis-1,3-Dichloropropylene	50		"	50.0		101	81-129		0.672	30	
Cyclohexane	42		"	50.0		83.2	70-130		0.579	30	
Dibromochloromethane	57		"	50.0		113	10-200		0.0529	30	
Dibromomethane	50		"	50.0		99.7	83-124		0.281	30	
Dichlorodifluoromethane	58		"	50.0		116	28-158		1.31	30	
Ethyl Benzene	54		"	50.0		108	84-125		1.69	30	
Hexachlorobutadiene	60		"	50.0		120	83-133		1.13	30	
Isopropylbenzene	51		"	50.0		101	81-127		0.435	30	
Methyl acetate	42		"	50.0		83.1	41-143		4.38	30	
Methyl tert-butyl ether (MTBE)	50		"	50.0		99.5	74-131		0.282	30	
Methylcyclohexane	47		"	50.0		93.3	70-130		1.38	30	
Methylene chloride	41		"	50.0		81.4	57-141		0.394	30	
n-Butylbenzene	54		"	50.0		108	80-130		0.444	30	
n-Propylbenzene	50		"	50.0		99.5	74-136		0.781	30	
o-Xylene	54		"	50.0		109	83-123		0.331	30	
p- & m- Xylenes	110		"	100		108	82-128		1.01	30	
p-Isopropyltoluene	54		"	50.0		108	85-125		0.647	30	
sec-Butylbenzene	54		"	50.0		109	83-125		0.751	30	
Styrene	55		"	50.0		109	86-126		0.840	30	
tert-Butyl alcohol (TBA)	210		"	250		84.3	70-130		3.43	30	
tert-Butylbenzene	53		"	50.0		105	80-127		0.974	30	
Tetrachloroethylene	47		"	50.0		93.1	80-129		0.625	30	
Toluene	52		"	50.0		104	85-121		1.44	30	
trans-1,2-Dichloroethylene	52		"	50.0		104	72-132		1.49	30	
trans-1,3-Dichloropropylene	51		"	50.0		102	78-132		2.75	30	
trans-1,4-dichloro-2-butene	46		"	50.0		92.2	75-135		3.10	30	
Trichloroethylene	54		"	50.0		107	84-123		0.0373	30	
Trichlorofluoromethane	61		"	50.0		122	62-140		0.947	30	
Vinyl Chloride	47		"	50.0		93.8	52-130		0.680	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*53.2*		*"*	*50.0*		*106*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.8*		*"*	*50.0*		*97.5*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.4*		*"*	*50.0*		*96.9*	*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 BF10031 - EPA 5035A											
Blank (BF10031-BLK1)											
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2-Butanone	ND	5.0	"								
2-Hexanone	ND	5.0	"								
4-Methyl-2-pentanone	ND	5.0	"								
Acetone	ND	10	"								
Acrolein	ND	10	"								
Acrylonitrile	ND	5.0	"								
Benzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon disulfide	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Cyclohexane	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl acetate	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylcyclohexane	ND	5.0	"								
Methylene chloride	ND	10	"								

Prepared & Analyzed: 06/01/2021

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 BF10031 - EPA 5035A											
Blank (BF10031-BLK1)											Prepared & Analyzed: 06/01/2021
n-Butylbenzene	ND	5.0	ug/kg wet								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butyl alcohol (TBA)	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
trans-1,4-dichloro-2-butene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*53.4*		*ug/L*	*50.0*		*107*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.5*		*"*	*50.0*		*97.0*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*47.4*		*"*	*50.0*		*94.7*	*76-130*				
Blank (BF10031-BLK2)											Prepared & Analyzed: 06/01/2021
1,1,1,2-Tetrachloroethane	ND	500	ug/kg wet								
1,1,1-Trichloroethane	ND	500	"								
1,1,2,2-Tetrachloroethane	ND	500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	500	"								
1,1,2-Trichloroethane	ND	500	"								
1,1-Dichloroethane	ND	500	"								
1,1-Dichloroethylene	ND	500	"								
1,2,3-Trichlorobenzene	ND	500	"								
1,2,3-Trichloropropane	ND	500	"								
1,2,4-Trichlorobenzene	ND	500	"								
1,2,4-Trimethylbenzene	ND	500	"								
1,2-Dibromo-3-chloropropane	ND	500	"								
1,2-Dibromoethane	ND	500	"								
1,2-Dichlorobenzene	ND	500	"								
1,2-Dichloroethane	ND	500	"								
1,2-Dichloropropane	ND	500	"								
1,3,5-Trimethylbenzene	ND	500	"								
1,3-Dichlorobenzene	ND	500	"								
1,4-Dichlorobenzene	ND	500	"								
1,4-Dioxane	ND	10000	"								
2-Butanone	ND	500	"								
2-Hexanone	ND	500	"								
4-Methyl-2-pentanone	ND	500	"								
Acetone	ND	1000	"								
Acrolein	ND	1000	"								
Acrylonitrile	ND	500	"								
Benzene	ND	500	"								

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 BF10031 - EPA 5035A											
Blank (BF10031-BLK2)											
Prepared & Analyzed: 06/01/2021											
Bromochloromethane	ND	500	ug/kg wet								
Bromodichloromethane	ND	500	"								
Bromoform	ND	500	"								
Bromomethane	ND	500	"								
Carbon disulfide	ND	500	"								
Carbon tetrachloride	ND	500	"								
Chlorobenzene	ND	500	"								
Chloroethane	ND	500	"								
Chloroform	ND	500	"								
Chloromethane	ND	500	"								
cis-1,2-Dichloroethylene	ND	500	"								
cis-1,3-Dichloropropylene	ND	500	"								
Cyclohexane	ND	500	"								
Dibromochloromethane	ND	500	"								
Dibromomethane	ND	500	"								
Dichlorodifluoromethane	ND	500	"								
Ethyl Benzene	ND	500	"								
Hexachlorobutadiene	ND	500	"								
Isopropylbenzene	ND	500	"								
Methyl acetate	ND	500	"								
Methyl tert-butyl ether (MTBE)	ND	500	"								
Methylcyclohexane	ND	500	"								
Methylene chloride	ND	1000	"								
n-Butylbenzene	ND	500	"								
n-Propylbenzene	ND	500	"								
o-Xylene	ND	500	"								
p- & m- Xylenes	ND	1000	"								
p-Isopropyltoluene	ND	500	"								
sec-Butylbenzene	ND	500	"								
Styrene	ND	500	"								
tert-Butyl alcohol (TBA)	ND	500	"								
tert-Butylbenzene	ND	500	"								
Tetrachloroethylene	ND	500	"								
Toluene	ND	500	"								
trans-1,2-Dichloroethylene	ND	500	"								
trans-1,3-Dichloropropylene	ND	500	"								
trans-1,4-dichloro-2-butene	ND	500	"								
Trichloroethylene	ND	500	"								
Trichlorofluoromethane	ND	500	"								
Vinyl Chloride	ND	500	"								
Xylenes, Total	ND	1500	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*53.0*		*ug/L*	*50.0*		*106*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.3*		*"*	*50.0*		*96.6*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*47.5*		*"*	*50.0*		*95.0*	*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 BF10031 - EPA 5035A											
LCS (BF10031-BS1)							Prepared & Analyzed: 06/01/2021				
1,1,1,2-Tetrachloroethane	54		ug/L	50.0		109	75-129				
1,1,1-Trichloroethane	59		"	50.0		117	71-137				
1,1,2,2-Tetrachloroethane	44		"	50.0		88.4	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	53		"	50.0		106	58-146				
1,1,2-Trichloroethane	47		"	50.0		94.0	83-123				
1,1-Dichloroethane	47		"	50.0		93.3	75-130				
1,1-Dichloroethylene	48		"	50.0		96.9	64-137				
1,2,3-Trichlorobenzene	50		"	50.0		100	81-140				
1,2,3-Trichloropropane	48		"	50.0		96.5	81-126				
1,2,4-Trichlorobenzene	49		"	50.0		98.4	80-141				
1,2,4-Trimethylbenzene	50		"	50.0		100	84-125				
1,2-Dibromo-3-chloropropane	49		"	50.0		97.6	74-142				
1,2-Dibromoethane	50		"	50.0		99.6	86-123				
1,2-Dichlorobenzene	49		"	50.0		97.7	85-122				
1,2-Dichloroethane	53		"	50.0		105	71-133				
1,2-Dichloropropane	42		"	50.0		84.4	81-122				
1,3,5-Trimethylbenzene	51		"	50.0		101	82-126				
1,3-Dichlorobenzene	48		"	50.0		96.9	84-124				
1,4-Dichlorobenzene	48		"	50.0		96.2	84-124				
1,4-Dioxane	900		"	1050		85.9	10-228				
2-Butanone	39		"	50.0		77.2	58-147				
2-Hexanone	36		"	50.0		71.2	70-139				
4-Methyl-2-pentanone	38		"	50.0		76.5	72-132				
Acetone	28		"	50.0		55.3	36-155				
Acrolein	39		"	50.0		78.3	10-238				
Acrylonitrile	37		"	50.0		73.7	66-141				
Benzene	49		"	50.0		98.9	77-127				
Bromochloromethane	40		"	50.0		79.2	74-129				
Bromodichloromethane	51		"	50.0		102	81-124				
Bromoform	55		"	50.0		111	80-136				
Bromomethane	54		"	50.0		107	32-177				
Carbon disulfide	48		"	50.0		97.0	10-136				
Carbon tetrachloride	60		"	50.0		120	66-143				
Chlorobenzene	50		"	50.0		99.3	86-120				
Chloroethane	50		"	50.0		101	51-142				
Chloroform	53		"	50.0		107	76-131				
Chloromethane	37		"	50.0		74.2	49-132				
cis-1,2-Dichloroethylene	46		"	50.0		93.0	74-132				
cis-1,3-Dichloropropylene	47		"	50.0		93.3	81-129				
Cyclohexane	40		"	50.0		79.4	70-130				
Dibromochloromethane	54		"	50.0		108	10-200				
Dibromomethane	47		"	50.0		94.7	83-124				
Dichlorodifluoromethane	56		"	50.0		112	28-158				
Ethyl Benzene	52		"	50.0		104	84-125				
Hexachlorobutadiene	56		"	50.0		112	83-133				
Isopropylbenzene	48		"	50.0		95.6	81-127				
Methyl acetate	38		"	50.0		77.0	41-143				
Methyl tert-butyl ether (MTBE)	49		"	50.0		98.6	74-131				
Methylcyclohexane	45		"	50.0		90.5	70-130				
Methylene chloride	39		"	50.0		78.7	57-141				

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 BF10031 - EPA 5035A											
LCS (BF10031-BS1)							Prepared & Analyzed: 06/01/2021				
n-Butylbenzene	50		ug/L	50.0		100	80-130				
n-Propylbenzene	47		"	50.0		93.9	74-136				
o-Xylene	52		"	50.0		103	83-123				
p- & m- Xylenes	100		"	100		103	82-128				
p-Isopropyltoluene	50		"	50.0		101	85-125				
sec-Butylbenzene	52		"	50.0		103	83-125				
Styrene	53		"	50.0		105	86-126				
tert-Butyl alcohol (TBA)	210		"	250		82.7	70-130				
tert-Butylbenzene	50		"	50.0		100	80-127				
Tetrachloroethylene	44		"	50.0		88.7	80-129				
Toluene	50		"	50.0		99.7	85-121				
trans-1,2-Dichloroethylene	50		"	50.0		99.8	72-132				
trans-1,3-Dichloropropylene	48		"	50.0		95.3	78-132				
trans-1,4-dichloro-2-butene	43		"	50.0		86.0	75-135				
Trichloroethylene	52		"	50.0		104	84-123				
Trichlorofluoromethane	58		"	50.0		117	62-140				
Vinyl Chloride	44		"	50.0		88.3	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*53.3*		*"*	*50.0*		*107*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.3*		*"*	*50.0*		*98.6*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.1*		*"*	*50.0*		*96.2*	*76-130*				
LCS Dup (BF10031-BSD1)							Prepared & Analyzed: 06/01/2021				
1,1,1,2-Tetrachloroethane	57		ug/L	50.0		114	75-129		4.65	30	
1,1,1-Trichloroethane	62		"	50.0		124	71-137		5.69	30	
1,1,2,2-Tetrachloroethane	46		"	50.0		91.4	79-129		3.38	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	58		"	50.0		115	58-146		7.99	30	
1,1,2-Trichloroethane	49		"	50.0		98.4	83-123		4.57	30	
1,1-Dichloroethane	48		"	50.0		97.0	75-130		3.91	30	
1,1-Dichloroethylene	51		"	50.0		102	64-137		5.62	30	
1,2,3-Trichlorobenzene	53		"	50.0		106	81-140		5.94	30	
1,2,3-Trichloropropane	52		"	50.0		105	81-126		8.00	30	
1,2,4-Trichlorobenzene	51		"	50.0		102	80-141		3.46	30	
1,2,4-Trimethylbenzene	53		"	50.0		106	84-125		5.98	30	
1,2-Dibromo-3-chloropropane	49		"	50.0		99.0	74-142		1.36	30	
1,2-Dibromoethane	53		"	50.0		106	86-123		6.64	30	
1,2-Dichlorobenzene	52		"	50.0		104	85-122		6.57	30	
1,2-Dichloroethane	55		"	50.0		109	71-133		3.85	30	
1,2-Dichloropropane	44		"	50.0		88.4	81-122		4.65	30	
1,3,5-Trimethylbenzene	53		"	50.0		107	82-126		5.46	30	
1,3-Dichlorobenzene	51		"	50.0		102	84-124		5.56	30	
1,4-Dichlorobenzene	51		"	50.0		101	84-124		4.91	30	
1,4-Dioxane	970		"	1050		92.5	10-228		7.44	30	
2-Butanone	40		"	50.0		80.6	58-147		4.31	30	
2-Hexanone	37		"	50.0		73.6	70-139		3.20	30	
4-Methyl-2-pentanone	41		"	50.0		81.6	72-132		6.40	30	
Acetone	29		"	50.0		58.9	36-155		6.27	30	
Acrolein	41		"	50.0		82.3	10-238		4.96	30	
Acrylonitrile	41		"	50.0		81.4	66-141		9.92	30	
Benzene	52		"	50.0		104	77-127		4.62	30	
Bromochloromethane	41		"	50.0		81.6	74-129		3.04	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 BF10031 - EPA 5035A											
LCS Dup (BF10031-BSD1)							Prepared & Analyzed: 06/01/2021				
Bromodichloromethane	54		ug/L	50.0		107	81-124		4.98	30	
Bromoform	58		"	50.0		115	80-136		3.77	30	
Bromomethane	56		"	50.0		112	32-177		4.52	30	
Carbon disulfide	51		"	50.0		102	10-136		5.20	30	
Carbon tetrachloride	62		"	50.0		124	66-143		3.50	30	
Chlorobenzene	52		"	50.0		105	86-120		5.48	30	
Chloroethane	52		"	50.0		105	51-142		3.74	30	
Chloroform	56		"	50.0		112	76-131		5.37	30	
Chloromethane	39		"	50.0		77.7	49-132		4.63	30	
cis-1,2-Dichloroethylene	50		"	50.0		99.1	74-132		6.35	30	
cis-1,3-Dichloropropylene	49		"	50.0		98.1	81-129		5.06	30	
Cyclohexane	42		"	50.0		83.3	70-130		4.72	30	
Dibromochloromethane	56		"	50.0		112	10-200		4.00	30	
Dibromomethane	51		"	50.0		102	83-124		7.23	30	
Dichlorodifluoromethane	60		"	50.0		120	28-158		6.98	30	
Ethyl Benzene	54		"	50.0		109	84-125		4.67	30	
Hexachlorobutadiene	61		"	50.0		121	83-133		8.26	30	
Isopropylbenzene	50		"	50.0		100	81-127		4.98	30	
Methyl acetate	36		"	50.0		71.1	41-143		7.94	30	
Methyl tert-butyl ether (MTBE)	51		"	50.0		103	74-131		4.19	30	
Methylcyclohexane	47		"	50.0		94.4	70-130		4.17	30	
Methylene chloride	41		"	50.0		81.5	57-141		3.47	30	
n-Butylbenzene	52		"	50.0		105	80-130		4.12	30	
n-Propylbenzene	50		"	50.0		99.2	74-136		5.53	30	
o-Xylene	55		"	50.0		110	83-123		5.96	30	
p- & m- Xylenes	110		"	100		108	82-128		4.70	30	
p-Isopropyltoluene	54		"	50.0		108	85-125		7.35	30	
sec-Butylbenzene	55		"	50.0		109	83-125		5.49	30	
Styrene	54		"	50.0		109	86-126		3.42	30	
tert-Butyl alcohol (TBA)	220		"	250		87.7	70-130		5.93	30	
tert-Butylbenzene	53		"	50.0		106	80-127		5.43	30	
Tetrachloroethylene	46		"	50.0		92.7	80-129		4.39	30	
Toluene	52		"	50.0		105	85-121		4.84	30	
trans-1,2-Dichloroethylene	53		"	50.0		105	72-132		5.31	30	
trans-1,3-Dichloropropylene	49		"	50.0		98.6	78-132		3.38	30	
trans-1,4-dichloro-2-butene	45		"	50.0		91.0	75-135		5.67	30	
Trichloroethylene	55		"	50.0		111	84-123		5.68	30	
Trichlorofluoromethane	62		"	50.0		123	62-140		5.41	30	
Vinyl Chloride	47		"	50.0		93.7	52-130		6.02	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*53.3*		*"*	*50.0*		*107*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.7*		*"*	*50.0*		*97.3*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*47.8*		*"*	*50.0*		*95.6*	*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 BF10123 - EPA 5030B/1311											
Blank (BF10123-BLK1)											Prepared & Analyzed: 06/02/2021
1,1-Dichloroethylene	ND	5.0	ug/L								
1,2-Dichloroethane	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
2-Butanone	ND	5.0	"								
Benzene	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroform	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.8*		*"*	*50.0*		*102*	*77-125*				
Surrogate: SURR: p-Bromofluorobenzene	*49.2*		*"*	*50.0*		*98.4*	*76-130*				
Surrogate: SURR: Toluene-d8	*48.0*		*"*	*50.0*		*96.0*	*85-120*				
Blank (BF10123-BLK2)											Prepared & Analyzed: 06/02/2021
1,1-Dichloroethylene	ND	500	ug/L								
1,2-Dichloroethane	ND	500	"								
1,4-Dichlorobenzene	ND	500	"								
2-Butanone	ND	500	"								
Benzene	ND	500	"								
Carbon tetrachloride	ND	500	"								
Chlorobenzene	ND	500	"								
Chloroform	ND	500	"								
Tetrachloroethylene	ND	500	"								
Trichloroethylene	ND	500	"								
Vinyl Chloride	ND	500	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.8*		*"*	*50.0*		*102*	*77-125*				
Surrogate: SURR: p-Bromofluorobenzene	*48.0*		*"*	*50.0*		*95.9*	*76-130*				
Surrogate: SURR: Toluene-d8	*48.0*		*"*	*50.0*		*96.0*	*85-120*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF10123 - EPA 5030B/1311											
LCS (BF10123-BS1)								Prepared & Analyzed: 06/02/2021			
1,1-Dichloroethylene	69		ug/L	50.0		138	68-134	High Bias			
1,2-Dichloroethane	58		"	50.0		115	69-133				
1,4-Dichlorobenzene	51		"	50.0		102	82-124				
2-Butanone	56		"	50.0		111	44-169				
Benzene	62		"	50.0		123	72-134				
Carbon tetrachloride	62		"	50.0		123	62-145				
Chlorobenzene	53		"	50.0		106	85-119				
Chloroform	56		"	50.0		112	74-131				
Tetrachloroethylene	41		"	50.0		82.6	78-133				
Trichloroethylene	58		"	50.0		116	81-125				
Vinyl Chloride	57		"	50.0		113	42-136				
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.8*		*"*	*50.0*		*102*	*77-125*				
Surrogate: SURR: p-Bromofluorobenzene	*48.4*		*"*	*50.0*		*96.8*	*76-130*				
Surrogate: SURR: Toluene-d8	*48.4*		*"*	*50.0*		*96.7*	*85-120*				
LCS Dup (BF10123-BSD1)								Prepared & Analyzed: 06/02/2021			
1,1-Dichloroethylene	70		ug/L	50.0		140	68-134	High Bias	1.51	30	
1,2-Dichloroethane	58		"	50.0		116	69-133		0.658	30	
1,4-Dichlorobenzene	52		"	50.0		103	82-124		1.05	30	
2-Butanone	57		"	50.0		113	44-169		1.89	30	
Benzene	62		"	50.0		125	72-134		1.23	30	
Carbon tetrachloride	63		"	50.0		125	62-145		1.76	30	
Chlorobenzene	54		"	50.0		107	85-119		1.50	30	
Chloroform	57		"	50.0		113	74-131		0.850	30	
Tetrachloroethylene	42		"	50.0		84.2	78-133		1.89	30	
Trichloroethylene	60		"	50.0		119	81-125		2.71	30	
Vinyl Chloride	58		"	50.0		116	42-136		2.21	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.2*		*"*	*50.0*		*102*	*77-125*				
Surrogate: SURR: p-Bromofluorobenzene	*48.6*		*"*	*50.0*		*97.2*	*76-130*				
Surrogate: SURR: Toluene-d8	*48.5*		*"*	*50.0*		*97.0*	*85-120*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF10123 - EPA 5030B/1311											
Duplicate (BF10123-DUP1)	*Source sample: 21E1234-01 (Duplicate)								Prepared: 06/02/2021 Analyzed: 06/03/2021		
1,1-Dichloroethylene	ND	50	ug/L		ND					200	
1,2-Dichloroethane	ND	50	"		ND					200	
1,4-Dichlorobenzene	ND	50	"		ND					200	
2-Butanone	ND	50	"		ND					200	
Benzene	ND	50	"		ND					200	
Carbon tetrachloride	ND	50	"		ND					200	
Chlorobenzene	ND	50	"		ND					200	
Chloroform	ND	50	"		ND					200	
Tetrachloroethylene	ND	50	"		ND					200	
Trichloroethylene	ND	50	"		ND					200	
Vinyl Chloride	ND	50	"		ND					200	
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.3*		*"*	*50.0*		*101*	*77-125*				
Surrogate: SURR: p-Bromofluorobenzene	*48.4*		*"*	*50.0*		*96.7*	*76-130*				
Surrogate: SURR: Toluene-d8	*47.9*		*"*	*50.0*		*95.8*	*85-120*				
Leach Fluid Blank (BF10123-LBK1)									Prepared & Analyzed: 06/02/2021		
1,1-Dichloroethylene	ND	50	ug/L								
1,2-Dichloroethane	ND	50	"								
1,4-Dichlorobenzene	ND	50	"								
2-Butanone	ND	50	"								
Benzene	ND	50	"								
Carbon tetrachloride	ND	50	"								
Chlorobenzene	ND	50	"								
Chloroform	ND	50	"								
Tetrachloroethylene	ND	50	"								
Trichloroethylene	ND	50	"								
Vinyl Chloride	ND	50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.0*		*"*	*50.0*		*102*	*77-125*				
Surrogate: SURR: p-Bromofluorobenzene	*47.7*		*"*	*50.0*		*95.4*	*76-130*				
Surrogate: SURR: Toluene-d8	*47.8*		*"*	*50.0*		*95.5*	*85-120*				

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 BF10101 - EPA 3510C/1311											
Blank (BF10101-BLK1)											Prepared: 06/02/2021 Analyzed: 06/03/2021
1,4-Dichlorobenzene	ND	10.0	ug/L								
2,4,5-Trichlorophenol	ND	10.0	"								
2,4,6-Trichlorophenol	ND	10.0	"								
2,4-Dinitrotoluene	ND	10.0	"								
2-Methylphenol	ND	10.0	"								
3- & 4-Methylphenols	ND	20.0	"								
Cresols, total	ND	30.0	"								
Hexachlorobenzene	ND	10.0	"								
Hexachlorobutadiene	ND	10.0	"								
Hexachloroethane	ND	10.0	"								
Nitrobenzene	ND	10.0	"								
Pentachlorophenol	ND	10.0	"								
Pyridine	ND	10.0	"								
Surrogate: SURR: 2-Fluorophenol	*57.6*		*"*	*100*		*57.6*	*10-90.9*				
Surrogate: SURR: Phenol-d5	*38.6*		*"*	*100*		*38.6*	*10-69.2*				
Surrogate: SURR: Nitrobenzene-d5	*42.5*		*"*	*50.0*		*85.0*	*19.2-141*				
Surrogate: SURR: 2-Fluorobiphenyl	*42.3*		*"*	*50.0*		*84.6*	*24.8-127*				
Surrogate: SURR: 2,4,6-Tribromophenol	*105*		*"*	*100*		*105*	*23-163*				
Surrogate: SURR: Terphenyl-d14	*54.6*		*"*	*50.0*		*109*	*25.8-110*				
LCS (BF10101-BS1)											Prepared: 06/02/2021 Analyzed: 06/03/2021
1,4-Dichlorobenzene	30.8	10.0	ug/L	50.0		61.6	42.7-102				
2,4,5-Trichlorophenol	36.5	10.0	"	50.0		73.0	33-141				
2,4,6-Trichlorophenol	35.8	10.0	"	50.0		71.6	35-138				
2,4-Dinitrotoluene	41.6	10.0	"	50.0		83.2	38.6-153				
2-Methylphenol	29.7	10.0	"	50.0		59.5	34.7-106				
3- & 4-Methylphenols	24.0	20.0	"	50.0		48.0	30.1-94				
Cresols, total	53.7	30.0	"	100		53.7	30.1-106				
Hexachlorobenzene	32.6	10.0	"	50.0		65.2	38.9-109				
Hexachlorobutadiene	37.2	10.0	"	50.0		74.3	24.3-132				
Hexachloroethane	28.8	10.0	"	50.0		57.6	36.7-102				
Nitrobenzene	32.4	10.0	"	50.0		64.7	33.3-122				
Pentachlorophenol	32.7	10.0	"	50.0		65.5	22.2-137				
Pyridine	15.9	10.0	"	50.5		31.5	14.9-73.5				
Surrogate: SURR: 2-Fluorophenol	*52.7*		*"*	*100*		*52.7*	*10-90.9*				
Surrogate: SURR: Phenol-d5	*38.9*		*"*	*100*		*38.9*	*10-69.2*				
Surrogate: SURR: Nitrobenzene-d5	*37.6*		*"*	*50.0*		*75.2*	*19.2-141*				
Surrogate: SURR: 2-Fluorobiphenyl	*37.6*		*"*	*50.0*		*75.1*	*24.8-127*				
Surrogate: SURR: 2,4,6-Tribromophenol	*102*		*"*	*100*		*102*	*23-163*				
Surrogate: SURR: Terphenyl-d14	*54.9*		*"*	*50.0*		*110*	*25.8-110*				

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 BF10101 - EPA 3510C/1311											
LCS Dup (BF10101-BSD1)									Prepared: 06/02/2021 Analyzed: 06/03/2021		
1,4-Dichlorobenzene	34.1	10.0	ug/L	50.0		68.3	42.7-102		10.4	21.2	
2,4,5-Trichlorophenol	37.3	10.0	"	50.0		74.6	33-141		2.17	22.9	
2,4,6-Trichlorophenol	36.7	10.0	"	50.0		73.5	35-138		2.54	23.4	
2,4-Dinitrotoluene	38.8	10.0	"	50.0		77.7	38.6-153		6.86	24.8	
2-Methylphenol	33.2	10.0	"	50.0		66.4	34.7-106		11.0	25.9	
3- & 4-Methylphenols	27.0	20.0	"	50.0		54.0	30.1-94		11.8	24.9	
Cresols, total	60.2	30.0	"	100		60.2	30.1-106		11.4	25.9	
Hexachlorobenzene	32.2	10.0	"	50.0		64.4	38.9-109		1.11	27.1	
Hexachlorobutadiene	39.7	10.0	"	50.0		79.5	24.3-132		6.71	22	
Hexachloroethane	33.3	10.0	"	50.0		66.5	36.7-102		14.3	20.4	
Nitrobenzene	35.4	10.0	"	50.0		70.8	33.3-122		8.97	24.1	
Pentachlorophenol	32.1	10.0	"	50.0		64.1	22.2-137		2.10	36.9	
Pyridine	17.6	10.0	"	50.5		34.9	14.9-73.5		10.4	50	
Surrogate: SURR: 2-Fluorophenol	*61.6*		*"*	*100*		*61.6*	*10-90.9*				
Surrogate: SURR: Phenol-d5	*41.9*		*"*	*100*		*41.9*	*10-69.2*				
Surrogate: SURR: Nitrobenzene-d5	*40.7*		*"*	*50.0*		*81.4*	*19.2-141*				
Surrogate: SURR: 2-Fluorobiphenyl	*39.0*		*"*	*50.0*		*78.0*	*24.8-127*				
Surrogate: SURR: 2,4,6-Tribromophenol	*100*		*"*	*100*		*100*	*23-163*				
Surrogate: SURR: Terphenyl-d14	*54.3*		*"*	*50.0*		*109*	*25.8-110*				
Leach Fluid Blank (BF10101-LBK1)									Prepared: 06/02/2021 Analyzed: 06/03/2021		
1,4-Dichlorobenzene	ND	10.0	ug/L								
2,4,5-Trichlorophenol	ND	10.0	"								
2,4,6-Trichlorophenol	ND	10.0	"								
2,4-Dinitrotoluene	ND	10.0	"								
2-Methylphenol	ND	10.0	"								
3- & 4-Methylphenols	ND	20.0	"								
Cresols, total	ND	30.0	"								
Hexachlorobenzene	ND	10.0	"								
Hexachlorobutadiene	ND	10.0	"								
Hexachloroethane	ND	10.0	"								
Nitrobenzene	ND	10.0	"								
Pentachlorophenol	ND	10.0	"								
Pyridine	ND	10.0	"								
Surrogate: SURR: 2-Fluorophenol	*62.2*		*"*	*100*		*62.2*	*10-90.9*				
Surrogate: SURR: Phenol-d5	*46.2*		*"*	*100*		*46.2*	*10-69.2*				
Surrogate: SURR: Nitrobenzene-d5	*45.0*		*"*	*50.0*		*89.9*	*19.2-141*				
Surrogate: SURR: 2-Fluorobiphenyl	*43.6*		*"*	*50.0*		*87.2*	*24.8-127*				
Surrogate: SURR: 2,4,6-Tribromophenol	*115*		*"*	*100*		*115*	*23-163*				
Surrogate: SURR: Terphenyl-d14	*62.2*		*"*	*50.0*		*124*	*25.8-110*				

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 BF10101 - EPA 3510C/1311											
Matrix Spike (BF10101-MS1)	*Source sample: 21E1234-01 (Matrix Spike)							Prepared: 06/02/2021 Analyzed: 06/03/2021			
1,4-Dichlorobenzene	26.6	10.0	ug/L	50.0	ND	53.2	26-95				
2,4,5-Trichlorophenol	36.5	10.0	"	50.0	ND	73.0	44-96				
2,4,6-Trichlorophenol	33.3	10.0	"	50.0	ND	66.6	39-107				
2,4-Dinitrotoluene	39.2	10.0	"	50.0	ND	78.3	26-120				
2-Methylphenol	26.6	10.0	"	50.0	ND	53.1	10-118				
3- & 4-Methylphenols	22.5	20.0	"	50.0	ND	45.0	10-102				
Cresols, total	49.1	30.0	"	100	ND	49.1	30-130				
Hexachlorobenzene	29.8	10.0	"	50.0	ND	59.7	24-120				
Hexachlorobutadiene	31.8	10.0	"	50.0	ND	63.6	26-98				
Hexachloroethane	25.1	10.0	"	50.0	ND	50.3	11-102				
Nitrobenzene	28.1	10.0	"	50.0	ND	56.2	25-107				
Pentachlorophenol	35.6	10.0	"	50.0	ND	71.1	10-181				
Pyridine	17.6	10.0	"	50.5	ND	34.9	10-73				
Surrogate: SURR: 2-Fluorophenol	*49.0*		*"*	*100*		*49.0*	*10-90.9*				
Surrogate: SURR: Phenol-d5	*37.6*		*"*	*100*		*37.6*	*10-69.2*				
Surrogate: SURR: Nitrobenzene-d5	*32.8*		*"*	*50.0*		*65.5*	*19.2-141*				
Surrogate: SURR: 2-Fluorobiphenyl	*32.9*		*"*	*50.0*		*65.7*	*24.8-127*				
Surrogate: SURR: 2,4,6-Tribromophenol	*100*		*"*	*100*		*100*	*23-163*				
Surrogate: SURR: Terphenyl-d14	*53.8*		*"*	*50.0*		*108*	*25.8-110*				

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 BF10001 - EPA 3550C											
Blank (BF10001-BLK1)											Prepared: 06/01/2021 Analyzed: 06/02/2021
4,4'-DDD	ND	1.64	ug/kg wet								
4,4'-DDE	ND	1.64	"								
4,4'-DDT	ND	1.64	"								
Aldrin	ND	1.64	"								
alpha-BHC	ND	1.64	"								
alpha-Chlordane	ND	1.64	"								
beta-BHC	ND	1.64	"								
Chlordane, total	ND	32.9	"								
delta-BHC	ND	1.64	"								
Dieldrin	ND	1.64	"								
Endosulfan I	ND	1.64	"								
Endosulfan II	ND	1.64	"								
Endosulfan sulfate	ND	1.64	"								
Endrin	ND	1.64	"								
Endrin aldehyde	ND	1.64	"								
Endrin ketone	ND	1.64	"								
gamma-BHC (Lindane)	ND	1.64	"								
gamma-Chlordane	ND	1.64	"								
Heptachlor	ND	1.64	"								
Heptachlor epoxide	ND	1.64	"								
Methoxychlor	ND	8.22	"								
Toxaphene	ND	83.2	"								
Surrogate: Decachlorobiphenyl	*48.0*		*"*	*66.4*		*72.2*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*50.1*		*"*	*66.4*		*75.4*	*30-150*				
LCS (BF10001-BS1)											Prepared: 06/01/2021 Analyzed: 06/02/2021
4,4'-DDD	31.5	1.64	ug/kg wet	33.2		94.7	40-140				
4,4'-DDE	18.7	1.64	"	33.2		56.4	40-140				
4,4'-DDT	13.7	1.64	"	33.2		41.3	40-140				
Aldrin	29.4	1.64	"	33.2		88.5	40-140				
alpha-BHC	26.3	1.64	"	33.2		79.1	40-140				
alpha-Chlordane	28.6	1.64	"	33.2		86.2	40-140				
beta-BHC	28.4	1.64	"	33.2		85.5	40-140				
delta-BHC	27.0	1.64	"	33.2		81.3	40-140				
Dieldrin	29.0	1.64	"	33.2		87.3	40-140				
Endosulfan I	38.1	1.64	"	33.2		115	40-140				
Endosulfan II	29.9	1.64	"	33.2		89.9	40-140				
Endosulfan sulfate	27.7	1.64	"	33.2		83.3	40-140				
Endrin	23.1	1.64	"	33.2		69.6	40-140				
Endrin aldehyde	30.4	1.64	"	33.2		91.6	40-140				
Endrin ketone	29.0	1.64	"	33.2		87.4	40-140				
gamma-BHC (Lindane)	26.5	1.64	"	33.2		79.8	40-140				
gamma-Chlordane	28.6	1.64	"	33.2		86.1	40-140				
Heptachlor	29.4	1.64	"	33.2		88.3	40-140				
Heptachlor epoxide	29.5	1.64	"	33.2		88.8	40-140				
Methoxychlor	14.6	8.22	"	33.2		43.9	40-140				
Surrogate: Decachlorobiphenyl	*43.8*		*"*	*66.4*		*65.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*48.8*		*"*	*66.4*		*73.4*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF10001 - EPA 3550C											
Matrix Spike (BF10001-MS1)	*Source sample: 21E1261-05 (Matrix Spike)								Prepared: 06/01/2021 Analyzed: 06/02/2021		
4,4'-DDD	28.6	1.65	ug/kg dry	33.4	ND	85.6	30-150				
4,4'-DDE	16.1	1.65	"	33.4	ND	48.3	30-150				
4,4'-DDT	14.5	1.65	"	33.4	ND	43.4	30-150				
Aldrin	30.2	1.65	"	33.4	ND	90.3	30-150				
alpha-BHC	25.8	1.65	"	33.4	ND	77.1	30-150				
alpha-Chlordane	29.3	1.65	"	33.4	ND	87.6	30-150				
beta-BHC	28.0	1.65	"	33.4	ND	83.9	30-150				
delta-BHC	25.2	1.65	"	33.4	ND	75.4	30-150				
Dieldrin	29.6	1.65	"	33.4	ND	88.5	30-150				
Endosulfan I	42.0	1.65	"	33.4	ND	126	30-150				
Endosulfan II	29.8	1.65	"	33.4	ND	89.1	30-150				
Endosulfan sulfate	24.9	1.65	"	33.4	ND	74.5	30-150				
Endrin	19.7	1.65	"	33.4	ND	59.0	30-150				
Endrin aldehyde	24.7	1.65	"	33.4	ND	73.8	30-150				
Endrin ketone	28.7	1.65	"	33.4	ND	86.0	30-150				
gamma-BHC (Lindane)	26.2	1.65	"	33.4	ND	78.4	30-150				
gamma-Chlordane	29.4	1.65	"	33.4	ND	87.8	30-150				
Heptachlor	27.7	1.65	"	33.4	ND	82.9	30-150				
Heptachlor epoxide	29.6	1.65	"	33.4	ND	88.6	30-150				
Methoxychlor	11.5	8.27	"	33.4	ND	34.4	30-150				
Surrogate: Decachlorobiphenyl	*58.9*		*"*	*66.8*		*88.2*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*60.7*		*"*	*66.8*		*90.8*	*30-150*				
Matrix Spike Dup (BF10001-MSD1)	*Source sample: 21E1261-05 (Matrix Spike Dup)								Prepared: 06/01/2021 Analyzed: 06/02/2021		
4,4'-DDD	29.1	1.65	ug/kg dry	33.4	ND	87.1	30-150		1.74	30	
4,4'-DDE	15.9	1.65	"	33.4	ND	47.6	30-150		1.43	30	
4,4'-DDT	13.4	1.65	"	33.4	ND	40.1	30-150		7.84	30	
Aldrin	30.5	1.65	"	33.4	ND	91.4	30-150		1.17	30	
alpha-BHC	26.9	1.65	"	33.4	ND	80.5	30-150		4.28	30	
alpha-Chlordane	29.6	1.65	"	33.4	ND	88.6	30-150		1.18	30	
beta-BHC	28.8	1.65	"	33.4	ND	86.2	30-150		2.71	30	
delta-BHC	26.1	1.65	"	33.4	ND	78.2	30-150		3.63	30	
Dieldrin	30.0	1.65	"	33.4	ND	89.7	30-150		1.29	30	
Endosulfan I	42.9	1.65	"	33.4	ND	128	30-150		2.18	30	
Endosulfan II	30.5	1.65	"	33.4	ND	91.2	30-150		2.39	30	
Endosulfan sulfate	26.0	1.65	"	33.4	ND	77.9	30-150		4.40	30	
Endrin	21.1	1.65	"	33.4	ND	63.0	30-150		6.63	30	
Endrin aldehyde	25.1	1.65	"	33.4	ND	75.2	30-150		1.82	30	
Endrin ketone	29.8	1.65	"	33.4	ND	89.3	30-150		3.77	30	
gamma-BHC (Lindane)	27.1	1.65	"	33.4	ND	81.2	30-150		3.41	30	
gamma-Chlordane	29.7	1.65	"	33.4	ND	88.8	30-150		1.13	30	
Heptachlor	29.4	1.65	"	33.4	ND	88.1	30-150		6.08	30	
Heptachlor epoxide	30.2	1.65	"	33.4	ND	90.4	30-150		2.04	30	
Methoxychlor	11.9	8.27	"	33.4	ND	35.7	30-150		3.71	30	
Surrogate: Decachlorobiphenyl	*63.3*		*"*	*66.8*		*94.8*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*62.7*		*"*	*66.8*		*93.7*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch Y1D0212 - BC11630											
Performance Mix (Y1D0212-PEM1)							Prepared & Analyzed: 04/01/2021				
4,4'-DDD	10.7		ng/mL	0.00			0-200				
4,4'-DDE	0.811		"	0.00			0-200				
4,4'-DDT	247		"	200		123	0-200				
Endrin	129		"	100		129	0-200				
Endrin aldehyde	0.667		"	0.00			0-200				
Endrin ketone	2.54		"	0.00			0-200				
Batch Y1F0303 - BE11374											
Performance Mix (Y1F0303-PEM1)							Prepared & Analyzed: 06/02/2021				
4,4'-DDD	27.4		ng/mL	0.00			0-200				
4,4'-DDE	2.38		"	0.00			0-200				
4,4'-DDT	300		"	200		150	0-200				
Endrin	174		"	100		174	0-200				
Endrin aldehyde	4.48		"	0.00			0-200				
Endrin ketone	16.1		"	0.00			0-200				
Batch Y1F0411 - BE11374											
Performance Mix (Y1F0411-PEM1)							Prepared & Analyzed: 06/03/2021				
4,4'-DDD	11.7		ng/mL	0.00			0-200				
4,4'-DDE	1.34		"	0.00			0-200				
4,4'-DDT	195		"	200		97.3	0-200				
Endrin	107		"	100		107	0-200				
Endrin aldehyde	1.88		"	0.00			0-200				
Endrin ketone	6.20		"	0.00			0-200				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF10001 - EPA 3550C											
Blank (BF10001-BLK2)											Prepared & Analyzed: 06/01/2021
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0585*		*"*	*0.0664*		*88.0*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0478*		*"*	*0.0664*		*72.0*	*30-140*				
LCS (BF10001-BS2)											Prepared & Analyzed: 06/01/2021
Aroclor 1016	0.316	0.0166	mg/kg wet	0.332		95.1	40-130				
Aroclor 1260	0.305	0.0166	"	0.332		91.7	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0588*		*"*	*0.0664*		*88.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0475*		*"*	*0.0664*		*71.5*	*30-140*				
Batch Y1F0208 - BE11318											
Aroclor Reference (Y1F0208-ARC1)											Prepared & Analyzed: 06/01/2021
Surrogate: Tetrachloro-m-xylene	*0.229*		*ug/mL*	*0.200*		*114*					
Surrogate: Decachlorobiphenyl	*0.208*		*"*	*0.200*		*104*					

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 BF10060 - EPA 3550C/8151A											
Blank (BF10060-BLK1)								Prepared & Analyzed: 06/02/2021			
2,4,5-T	ND	19.9	ug/kg wet								
2,4,5-TP (Silvex)	ND	19.9	"								
2,4-D	ND	19.9	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*415*		*"*	*415*		*100*	*21-150*				
LCS (BF10060-BS1)								Prepared & Analyzed: 06/02/2021			
2,4,5-T	99.7	19.9	ug/kg wet	133		75.0	10-120				
2,4,5-TP (Silvex)	102	19.9	"	133		76.9	10-120				
2,4-D	101	19.9	"	133		76.2	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*387*		*"*	*415*		*93.2*	*21-150*				
Matrix Spike (BF10060-MS1)	*Source sample: 21E1205-14 (WC-PCE-Q3-15-30')							Prepared & Analyzed: 06/02/2021			
2,4,5-T	120	22.1	ug/kg dry	147	ND	81.9	10-120				
2,4,5-TP (Silvex)	133	22.1	"	147	ND	90.6	10-120				
2,4-D	173	22.1	"	147	ND	117	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*461*		*"*	*460*		*100*	*21-150*				
Matrix Spike Dup (BF10060-MSD1)	*Source sample: 21E1205-14 (WC-PCE-Q3-15-30')							Prepared & Analyzed: 06/02/2021			
2,4,5-T	141	22.1	ug/kg dry	147	ND	95.6	10-120		15.5	35	
2,4,5-TP (Silvex)	145	22.1	"	147	ND	98.7	10-120		8.58	35	
2,4-D	164	22.1	"	147	ND	111	10-118		5.46	35	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*440*		*"*	*460*		*95.6*	*21-150*				

Gas Chromatography/Flame Ionization Detector - 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 BE11463 - EPA 3546 EPH											
Blank (BE11463-BLK1)								Prepared & Analyzed: 05/28/2021			
Total EPH	ND	49.5	mg/kg wet								
Surrogate: 1-Chlorooctadecane	*5.09*		"	*9.90*		*51.4*	*31.6-128*				
Surrogate: o-Terphenyl	*5.01*		"	*9.90*		*50.6*	*28.7-124*				
LCS (BE11463-BS1)								Prepared & Analyzed: 05/28/2021			
Total EPH	89.0	49.5	mg/kg wet	158		56.2	40-140				
Surrogate: 1-Chlorooctadecane	*4.65*		"	*9.90*		*47.0*	*31.6-128*				
Surrogate: o-Terphenyl	*4.73*		"	*9.90*		*47.7*	*28.7-124*				
LCS Dup (BE11463-BSD1)								Prepared & Analyzed: 05/28/2021			
Total EPH	94.1	49.5	mg/kg wet	158		59.4	40-140		5.61	30	
Surrogate: 1-Chlorooctadecane	*5.46*		"	*9.90*		*55.1*	*31.6-128*				
Surrogate: o-Terphenyl	*5.44*		"	*9.90*		*54.9*	*28.7-124*				
Duplicate (BE11463-DUP1)	*Source sample: 21E1094-21 (Duplicate)							Prepared: 05/28/2021 Analyzed: 06/01/2021			
Total EPH	ND	53.0	mg/kg dry		ND					200	
Surrogate: 1-Chlorooctadecane	*6.02*		"	*10.6*		*56.8*	*31.6-128*				
Surrogate: o-Terphenyl	*6.08*		"	*10.6*		*57.4*	*28.7-124*				
Matrix Spike (BE11463-MS1)	*Source sample: 21E1094-21 (Matrix Spike)							Prepared: 05/28/2021 Analyzed: 06/01/2021			
Total EPH	160	53.0	mg/kg dry	170	ND	94.2	30-140				
Surrogate: 1-Chlorooctadecane	*6.13*		"	*10.6*		*57.8*	*31.6-128*				
Surrogate: o-Terphenyl	*6.02*		"	*10.6*		*56.8*	*28.7-124*				

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 BF10010 - EPA 3050B											
Blank (BF10010-BLK1)											
Prepared: 06/01/2021 Analyzed: 06/02/2021											
Aluminum	ND	5.00	mg/kg wet								
Antimony	ND	2.50	"								
Arsenic	ND	1.50	"								
Barium	ND	2.50	"								
Beryllium	ND	0.050	"								
Cadmium	ND	0.300	"								
Calcium	11.5	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.400	"								
Copper	ND	2.00	"								
Iron	111	25.0	"								
Lead	ND	0.500	"								
Magnesium	ND	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	1.00	"								
Potassium	17.0	5.00	"								
Selenium	ND	2.50	"								
Silver	ND	0.500	"								
Sodium	ND	50.0	"								
Thallium	ND	2.50	"								
Vanadium	ND	1.00	"								
Zinc	ND	2.50	"								
Duplicate (BF10010-DUP1)	*Source sample: 21E1163-13 (Duplicate)										
Prepared: 06/01/2021 Analyzed: 06/03/2021											
Aluminum	17500	5.77	mg/kg dry		18200				3.83	35	
Antimony	ND	2.89	"		ND					35	
Arsenic	16.2	1.73	"		18.8				15.1	35	
Barium	280	2.89	"		240				15.2	35	
Beryllium	ND	0.058	"		ND					35	
Cadmium	0.869	0.346	"		0.713				19.8	35	
Calcium	18100	5.77	"		10700				51.4	35	Non-dir.
Chromium	21.0	0.577	"		20.9				0.399	35	
Cobalt	6.85	0.462	"		6.95				1.52	35	
Copper	33.5	2.31	"		34.9				4.23	35	
Iron	17600	28.9	"		18200				3.43	35	
Lead	471	0.577	"		321				37.8	35	Non-dir.
Magnesium	3130	5.77	"		2700				14.7	35	
Manganese	333	0.577	"		347				4.12	35	
Nickel	ND	1.15	"		ND					35	
Potassium	4650	5.77	"		4870				4.58	35	
Selenium	ND	2.89	"		ND					35	
Silver	ND	0.577	"		ND					35	
Sodium	255	57.7	"		198				25.4	35	
Thallium	ND	2.89	"		ND					35	
Vanadium	33.3	1.15	"		32.9				1.19	35	
Zinc	314	2.89	"		209				40.0	35	Non-dir.

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF10010 - EPA 3050B											
Matrix Spike (BF10010-MS1)	*Source sample: 21E1163-13 (Matrix Spike)							Prepared: 06/01/2021 Analyzed: 06/03/2021			
Aluminum	13500	5.77	mg/kg dry	231	18200	NR	75-125	Low Bias			
Antimony	6.51	2.89	"	28.9	ND	22.6	75-125	Low Bias			
Arsenic	272	1.73	"	231	18.8	110	75-125				
Barium	494	2.89	"	231	240	110	75-125				
Beryllium	4.75	0.058	"	5.77	ND	82.4	75-125				
Cadmium	6.97	0.346	"	5.77	0.713	108	75-125				
Calcium	14800	5.77	"	115	10700	NR	75-125	High Bias			
Chromium	49.5	0.577	"	23.1	20.9	124	75-125				
Cobalt	70.3	0.462	"	57.7	6.95	110	75-125				
Copper	66.4	2.31	"	28.9	34.9	109	75-125				
Iron	24800	28.9	"	115	18200	NR	75-125	High Bias			
Lead	396	0.577	"	57.7	321	130	75-125	High Bias			
Magnesium	3970	5.77	"	115	2700	NR	75-125	High Bias			
Manganese	414	0.577	"	57.7	347	116	75-125				
Nickel	53.7	1.15	"	57.7	ND	93.0	75-125				
Potassium	1820	5.77	"	115	4870	NR	75-125	Low Bias			
Selenium	156	2.89	"	231	ND	67.5	75-125	Low Bias			
Silver	2.41	0.577	"	5.77	ND	41.7	75-125	Low Bias			
Sodium	332	57.7	"	115	198	116	75-125				
Thallium	243	2.89	"	231	ND	105	75-125				
Vanadium	90.0	1.15	"	57.7	32.9	99.0	75-125				
Zinc	309	2.89	"	57.7	209	172	75-125	High Bias			
Post Spike (BF10010-PS1)	*Source sample: 21E1163-13 (Post Spike)							Prepared: 06/01/2021 Analyzed: 06/03/2021			
Aluminum	158		ug/mL	2.00	157	26.3	75-125	Low Bias			
Antimony	0.280		"	0.250	-0.017	112	75-125				
Arsenic	2.52		"	2.00	0.163	118	75-125				
Barium	4.23		"	2.00	2.08	108	75-125				
Beryllium	0.046		"	0.0500	-0.012	91.2	75-125				
Cadmium	0.064		"	0.0500	0.006	116	75-125				
Calcium	92.3		"	1.00	92.8	NR	75-125	Low Bias			
Chromium	0.392		"	0.200	0.181	105	75-125				
Cobalt	0.644		"	0.500	0.060	117	75-125				
Copper	0.599		"	0.250	0.303	119	75-125				
Iron	156		"	1.00	157	NR	75-125	Low Bias			
Lead	3.40		"	0.500	2.78	124	75-125				
Magnesium	23.9		"	1.00	23.4	55.4	75-125	Low Bias			
Manganese	3.55		"	0.500	3.01	109	75-125				
Nickel	0.565		"	0.500	-0.058	113	75-125				
Potassium	44.9		"	1.00	42.2	273	75-125	High Bias			
Selenium	1.71		"	2.00	-0.507	85.7	75-125				
Silver	0.051		"	0.0500	-0.009	102	75-125				
Sodium	2.96		"	1.00	1.71	125	75-125				
Thallium	2.23		"	2.00	-0.020	112	75-125				
Vanadium	0.818		"	0.500	0.285	107	75-125				
Zinc	2.35		"	0.500	1.81	107	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF10010 - EPA 3050B											
Reference (BF10010-SRM1)									Prepared: 06/01/2021 Analyzed: 06/02/2021		
Aluminum	8760	5.00	mg/kg wet	8190		107	50.5-150.1				
Antimony	55.6	2.50	"	110		50.5	19-251.7				
Arsenic	155	1.50	"	162		95.7	70.1-129.8				
Barium	136	2.50	"	138		98.3	75-125				
Beryllium	147	0.050	"	157		93.5	75-125.2				
Cadmium	125	0.300	"	135		92.8	74.8-125.2				
Calcium	4590	5.00	"	4790		95.9	72.7-127.5				
Chromium	108	0.500	"	117		92.1	70.1-129.9				
Cobalt	94.7	0.400	"	92.6		102	75-125				
Copper	134	2.00	"	143		93.7	75.3-125.3				
Iron	13900	25.0	"	15100		92.1	35.8-164.6				
Lead	70.0	0.500	"	77.6		90.2	70-130				
Magnesium	2380	5.00	"	2320		103	61.7-137.8				
Manganese	304	0.500	"	319		95.4	78.1-122				
Nickel	87.1	1.00	"	79.9		109	70.1-130.1				
Potassium	2210	5.00	"	2050		108	59.1-140.9				
Selenium	137	2.50	"	172		79.5	55.7-144.5				
Silver	21.8	0.500	"	24.7		88.3	69.2-130.8				
Sodium	66.8	50.0	"	137		48.7	36.1-163.3				
Thallium	81.0	2.50	"	88.0		92.1	65.3-146.8				
Vanadium	89.2	1.00	"	99.9		89.3	67-133.1				
Zinc	285	2.50	"	312		91.4	69.9-130.1				

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 BF10015 - EPA 7473 soil											
Blank (BF10015-BLK1)								Prepared & Analyzed: 06/01/2021			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BF10015-DUP1)	*Source sample: 21E1261-05 (Duplicate)							Prepared & Analyzed: 06/01/2021			
Mercury	ND	0.0302	mg/kg dry		ND					35	
Matrix Spike (BF10015-MS1)	*Source sample: 21E1261-05 (Matrix Spike)							Prepared & Analyzed: 06/01/2021			
Mercury	0.452		mg/kg	0.500	0.00640	89.1	75-125				
Reference (BF10015-SRM1)								Prepared & Analyzed: 06/01/2021			
Mercury	33.327		mg/kg	27.2		123	59.9-140.1				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE11479 - % Solids Prep											
Duplicate (BE11479-DUP1)	*Source sample: 21E1221-02 (Duplicate)							Prepared & Analyzed: 05/28/2021			
% Solids	82.4	0.100	%		86.7				5.09	20	
Batch BE11515 - % Solids Prep											
Duplicate (BE11515-DUP1)	*Source sample: 21E1233-02 (Duplicate)							Prepared: 05/28/2021 Analyzed: 06/01/2021			
% Solids	92.1	0.100	%		92.0				0.0391	20	
Batch BE11516 - % Solids Prep											
Duplicate (BE11516-DUP1)	*Source sample: 21E1226-12 (Duplicate)							Prepared: 05/28/2021 Analyzed: 06/01/2021			
% Solids	92.3	0.100	%		91.9				0.441	20	

Leachate Preparations - 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 BF10044 - EPA SW 846-1311 TCLP extr. for SVOA/PEST/HERBS											
Blank (BF10044-BLK1)									Prepared: 06/01/2021 Analyzed: 06/02/2021		
TCLP Extraction	Completed	1.00	N/A								
Batch BF10046 - EPA SW 846-1311 TCLP ZHE for VOA											
Blank (BF10046-BLK1)									Prepared: 06/01/2021 Analyzed: 06/02/2021		
TCLP Extraction	Completed	1.00	N/A								

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
21E1205-01	WC-HF-Q3-1	40mL Vial with Stir Bar-Cool 4° C
21E1205-02	WC-HF-Q3-2	40mL Vial with Stir Bar-Cool 4° C
21E1205-03	WC-HF-Q3-3	40mL Vial with Stir Bar-Cool 4° C
21E1205-04	WC-HF-Q3-4	40mL Vial with Stir Bar-Cool 4° C
21E1205-05	WC-HF-Q3-5	40mL Vial with Stir Bar-Cool 4° C
21E1205-06	WC-HF-Q4-1	40mL Vial with Stir Bar-Cool 4° C
21E1205-07	WC-HF-Q4-2	40mL Vial with Stir Bar-Cool 4° C
21E1205-08	WC-HF-Q4-3	40mL Vial with Stir Bar-Cool 4° C
21E1205-09	WC-HF-Q4-4	40mL Vial with Stir Bar-Cool 4° C
21E1205-10	WC-HF-Q4-5	40mL Vial with Stir Bar-Cool 4° C
21E1205-11	WC-PCE-Q3-4'	40mL Vial with Stir Bar-Cool 4° C
21E1205-12	WC-PCE-Q3-11-12'	40mL Vial with Stir Bar-Cool 4° C
21E1205-13	WC-PCE-Q3-26'	40mL Vial with Stir Bar-Cool 4° C
21E1205-14	WC-PCE-Q3-15-30'	40mL 01_Clear Vial Cool to 4° C
21E1205-15	WC-PCE-Q4-3'	40mL Vial with Stir Bar-Cool 4° C
21E1205-16	WC-PCE-Q4-7'	40mL Vial with Stir Bar-Cool 4° C
21E1205-18	WC-PCE-Q4-12'	40mL Vial with Stir Bar-Cool 4° C
21E1205-20	WC-CS-Q3-7'	40mL Vial with Stir Bar-Cool 4° C
21E1205-22	WC-CS-Q3-13'	40mL Vial with Stir Bar-Cool 4° C
21E1205-24	WC-CS-Q3-18'	40mL Vial with Stir Bar-Cool 4° C
21E1205-25	WC-CS-Q3-23'	40mL Vial with Stir Bar-Cool 4° C
21E1205-27	WC-CS-Q4-7'	40mL Vial with Stir Bar-Cool 4° C
21E1205-29	WC-CS-Q4-12'	40mL Vial with Stir Bar-Cool 4° C
21E1205-31	WC-CS-Q4-17'	40mL Vial with Stir Bar-Cool 4° C
21E1205-32	WC-CS-Q4-22'	40mL Vial with Stir Bar-Cool 4° C

Sample and Data Qualifiers Relating to This Work Order

M-BLK	The target analyte was detected above the RL in the batch method blank. All samples showed >10x the concentration in the blank for this analyte. Data are reported.
CCV-E	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).
CCV-H	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.
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.
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.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.
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.
SCAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%).
M-CCV1	The recovery for this element in the Continuing Calibration Verification (CCV) exceeded 110% of the expected value. Positive detections may be biased high.
M-CRL	The RL check for this element recovered outside of control limits.
M-DUPS	The RPD between the native sample and the duplicate is outside of limits due to sample non-homogeneity
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.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
S-08	The recovery of this surrogate was outside of QC limits.
ICV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).

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: The lab received 2-MEOH vials, 1-Stir Bar vial, and 1-Screen vial fro sample -33. Sample cancelled by client.

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615 | 132-02 89th Ave, Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record

NOTE: 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. 21E1705

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Laurel Environmental Geosciences	Company:	Company:		RUSH - Next Day
Address: 53 West Hills Rd., Suite #1 Huntington Station, NY	Address: Scott	Address: Kathy	YOUR Project Name: 27-09 40th Avenue, LIC, NY	RUSH - Two Day
Phone.: (631) 673-8612	Phone.:	Phone.:		RUSH - Three Day
Contact: Scott Yanuck	Contact:	Contact:		RUSH - Four Day
E-mail: labresults@laurelenv.com	E-mail:	E-mail:	YOUR PO#: 19-401.4	Standard (5-7 Day) X

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

Samples Collected by: (print your name above and sign below) Jamie Burgher

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

Samples From
New York X
New Jersey
Connecticut
Pennsylvania
Other

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

YORK Reg. Comp.
Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
WC-HF-Q3-1	S	5/26/21 11:10	USEPA Method 8260 for VOCs	(4) 40ML
WC-HF-Q3-2		10:30		
WC-HF-Q3-3		10:40		
WC-HF-Q3-4		11:00		
WC-HF-Q3-5		10:50		
WC-HF-Q4-1		13:35		
WC-HF-Q4-2		13:40		
WC-HF-Q4-3		13:45		
WC-HF-Q4-4		13:55		
WC-HF-Q4-5		13:50		

Comments:

Preservation: (check all that apply)
HCl ___ MeOH X HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___
Ascorbic Acid ___ Other: DI water

Special Instruction
Field Filtered ____
Lab to Filter ____

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
	5/27/21 09:00	KBakhyork	5/27/21 1045AM	KBakhyork	5/27/21 1837
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 / Temp. Received at Lab
				TC Patel	5/27/21 1837 / 3.2 Degrees C

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615
132-02 89th Ave, Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record

NOTE: 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. 21E1205

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Laurel Environmental Geosciences	Company:	Company:		RUSH - Next Day
Address: 53 West Hills Rd., Suite #1 Huntington Station, NY	Address: Scott	Address: Kathy	YOUR Project Name: 27-09 40th Avenue, LIC, NY	RUSH - Two Day
Phone: (631) 673-0612	Phone.:	Phone.:		RUSH - Three Day
Contact: Scott Yunuck	Contact:	Contact:		RUSH - Four Day
E-mail: labresults@laurelenv.com	E-mail:	E-mail:	YOUR PO#: 19-401.4	Standard (5-7 Day) X

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

Jamie Burgher

Samples Collected by: (print your name above and sign below)

Matrix Codes
S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil ⋮ Other

Samples From
New York X
New Jersey
Connecticut
Pennsylvania
Other

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

YORK Reg. Comp.
Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
WC-PCE-Q3-4'	S	5/26/21 12:40	USEPA Method 8260 for VOCs	(4) 40mL
WC-PCE-Q3-11-12'		13:00		
WC-PCE-Q3-26'		13:20		
WC-PCE-Q3-15-30'		13:30	8260 TCLP, 8270, 6010/6020, 8082, 8151, 8081, 8015	(4) 40mL, (2) 8oz, (2) 4oz,
WC-PCE-Q4-3'		14:40	USEPA Method 8260 for VOCs	(4) 40mL
WC-PCE-Q4-7'		14:45		
WC-PCE-Q4-7'-TCLP			" " " TCLP	
WC-PCE-Q4-12'				
WC-PCE-Q4-12'-TCLP			" " " TCLP	

Comments:

Preservation: (check all that apply)
HCl ___ MeOH X HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___
Ascorbic Acid ___ Other: DI water

Special Instruction
Field Filtered ___
Lab to Filter ___

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
	5/27/21 09:00	KBakyork	5/27/21 1045AM	KBakyork	5/27/21 1837
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 / Temp. Received at Lab
				TC Yahil	5/27/21 1837 — 3.7 Degrees C

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615
132-02 89th Ave, Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record

YORK Project No. 21E1705

NOTE: 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.

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Laurel Environmental Geosciences	Company:	Company:		RUSH - Next Day
Address: 53 West Hills Rd., Suite #1 Huntington Station, NY	Address: Scott	Address: Kathy		RUSH - Two Day
Phone.: (631) 673-0612	Phone.:	Phone.:	YOUR Project Name: 27-09 40th Avenue, LIC, NY	RUSH - Three Day
Contact: Scott Yanuck	Contact:	Contact:		RUSH - Four Day
E-mail: labresults@laurelenv.com	E-mail:	E-mail:	YOUR PO#: 19-401.4	Standard (5-7 Day) X

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

Samples Collected by: (print your name above and sign below)
Jamie Burgher

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

Samples From
New York X
New Jersey
Connecticut
Pennsylvania
Other

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

YORK Reg. Comp.
Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
WC-CS-Q3-7'	S	5/26/21 11:25	USEPA Method 8260 for VOCs	(4) 40mLs
WC-CS-Q3-7'-TCLP		12:15	" " " " TCLP	
WC-CS-Q3-13'		11:30		
WC-CS-Q3-13'-TCLP		12:20	" " " " TCLP	
WC-CS-Q3-18'		11:30		
WC-CS-Q3-23'		11:40		
WC-CS-Q3-23'-TCLP		12:20	" " " " TCLP	
WC-CS-Q4-7'		14:00		
WC-CS-Q4-7'-TCLP		14:05	" " " " TCLP	
WC-CS-Q4-12'		~~14:08~~ 14:10		

Comments:

Preservation: (check all that apply)
HCl ___ MeOH X HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___
Ascorbic Acid ___ Other: DI Water

Special Instruction
Field Filtered ____
Lab to Filter ____

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
	5/27/21 09:00	KBakwork	5/27/21 1045AM	KBakwork	5/27/21 1837
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 / Temp. Received at Lab
				TC Tahler	5/27/21 1837 — 3.2 Degrees C

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615 | 132-02 89th Ave, Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record

YORK Project No. 21E1705

NOTE: 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.

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Laurel Environmental Geosciences	Company:	Company:		RUSH - Next Day
Address: 53 West Hills Rd., Suite #1 Huntington Station, NY	Address: Scott	Address: Kathy	YOUR Project Name: 27-09 40th Avenue, LIC, NY	RUSH - Two Day
Phone.: (631) 673-0612	Phone.:	Phone.:		RUSH - Three Day
Contact: Scott Yanuck	Contact:	Contact:		RUSH - Four Day
E-mail: labresults@laurelenv.com	E-mail:	E-mail:	YOUR PO#: 19-401.4	Standard (5-7 Day) X

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

Jamie Burgher
Samples Collected by: (print your name above and sign below)

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

Samples From
New York X
New Jersey
Connecticut
Pennsylvania
Other

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

YORK Reg. Comp.
Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
WC-CS-Q4-12'-TCLP	S	5/26/21 14:10	USEPA Method 8260 for VOCs TCLP	(4) 40 mLs
WC-CS-Q4-17'		14:15	USEPA Method 8260 for VOCs	
WC-CS-Q4-22'		14:20		
WC-CS-Q4-22'-TCLP			" " " " TCLP	

Comments:

Preservation: (check all that apply)
HCl ___ MeOH X HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___
Ascorbic Acid ___ Other: DI Water

Special Instruction
Field Filtered ____
Lab to Filter ____

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
	5/27/21 09:00	K Bankyork	5/27/21 1045AM	K Bankyork	5/27/21 1837
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 / Temp. Received at Lab
				TC Tahlia	5/27/21 1837 — 3.2 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: 06/08/2021
Client Project ID: 27-09 40th Avenue, LIC, Queens, NY
York Project (SDG) No.: 21F0043

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

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: 06/08/2021
Client Project ID: 27-09 40th Avenue, LIC, Queens, NY
York Project (SDG) No.: 21F0043

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 June 01, 2021 and listed below. The project was identified as your project: **27-09 40th Avenue, LIC, Queens, NY**.

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
21F0043-01	WC-HF-Q1-1 2'	Soil	05/28/2021	06/01/2021
21F0043-02	WC-HF-Q1-2 2'	Soil	05/28/2021	06/01/2021
21F0043-03	WC-HF-Q1-3 2'	Soil	05/28/2021	06/01/2021
21F0043-04	WC-HF-Q1-4 2'	Soil	05/28/2021	06/01/2021
21F0043-05	WC-HF-Q1-5 3'	Soil	05/28/2021	06/01/2021
21F0043-06	WC-CS-Q1 7'	Soil	05/28/2021	06/01/2021
21F0043-07	WC-CS-Q1 13'	Soil	05/28/2021	06/01/2021
21F0043-08	WC-CS-Q1 18'	Soil	05/28/2021	06/01/2021
21F0043-09	WC-CS-Q1 23'	Soil	05/28/2021	06/01/2021
21F0043-10	WC-HF-Q1	Soil	05/28/2021	06/01/2021
21F0043-11	WC-CS-Q1-06 4-10'	Soil	05/28/2021	06/01/2021
21F0043-12	WC-CS-Q1-06 10-15'	Soil	05/28/2021	06/01/2021
21F0043-13	WC-CS-Q1-06 15-25'	Soil	05/28/2021	06/01/2021

General Notes for York Project (SDG) No.: 21F0043

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

Approved By: 

Date: 06/08/2021

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: WC-HF-Q1-1 2'

York Sample ID: 21F0043-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0043	27-09 40th Avenue, LIC, Queens, NY	Soil	May 28, 2021 11:15 am	06/01/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 14:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 14:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 14:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 14:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	YG
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 14:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 14:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 14:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 14:51 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 14:51 NELAC-NY10854,NELAC-NY12058,NJDEP	YG
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 14:51 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 14:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 14:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 14:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 14:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 14:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 14:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 14:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 14:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 14:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
123-91-1	1,4-Dioxane	ND		ug/kg dry	50	100	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 14:51 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
78-93-3	2-Butanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 14:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
591-78-6	2-Hexanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 14:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG

Sample Information

Client Sample ID: WC-HF-Q1-1 2'

York Sample ID: 21F0043-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0043	27-09 40th Avenue, LIC, Queens, NY	Soil	May 28, 2021 11:15 am	06/01/2021

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		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 14:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
67-64-1	Acetone	ND		ug/kg dry	5.0	10	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 14:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
107-02-8	Acrolein	ND		ug/kg dry	5.0	10	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 14:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
107-13-1	Acrylonitrile	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 14:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
71-43-2	Benzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 14:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
74-97-5	Bromochloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 14:51 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 14:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-25-2	Bromoform	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 14:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
74-83-9	Bromomethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 14:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-15-0	Carbon disulfide	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 14:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 14:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-90-7	Chlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 14:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-00-3	Chloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 14:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
67-66-3	Chloroform	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 14:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
74-87-3	Chloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 14:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 14:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 14:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
110-82-7	Cyclohexane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 14:51 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 14:51 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
74-95-3	Dibromomethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 14:51 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 14:51 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 14:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 14:51 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG

Sample Information

Client Sample ID: WC-HF-Q1-1 2'

York Sample ID: 21F0043-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0043	27-09 40th Avenue, LIC, Queens, NY	Soil	May 28, 2021 11:15 am	06/01/2021

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		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 14:51	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
79-20-9	Methyl acetate	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 14:51	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 14:51	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 14:51	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	Methylene chloride	ND		ug/kg dry	5.0	10	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 14:51	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 14:51	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 14:51	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-47-6	o-Xylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 14:51	YG CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.0	10	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 14:51	YG CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 14:51	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 14:51	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-42-5	Styrene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 14:51	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.5	25	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 14:51	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 14:51	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
127-18-4	**Tetrachloroethylene**	**4.8**	J	ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 14:51	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-88-3	Toluene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 14:51	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 14:51	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 14:51	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 14:51	YG CTDOH
79-01-6	Trichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 14:51	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 14:51	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 14:51	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 14:51	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: WC-HF-Q1-1 2' **York Sample ID:** 21F0043-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0043	27-09 40th Avenue, LIC, Queens, NY	Soil	May 28, 2021 11:15 am	06/01/2021

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*	*112 %*			*77-125*						
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.9 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*			*76-130*						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**95.8**		%	0.100	1	SM 2540G	06/02/2021 11:16	06/02/2021 14:21	SK
							Certifications: CTDOH			

Sample Information

Client Sample ID: WC-HF-Q1-2 2' **York Sample ID:** 21F0043-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0043	27-09 40th Avenue, LIC, Queens, NY	Soil	May 28, 2021 11:10 am	06/01/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/04/2021 09:00	06/04/2021 15:17	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/04/2021 09:00	06/04/2021 15:17	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/04/2021 09:00	06/04/2021 15:17	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/04/2021 09:00	06/04/2021 15:17	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/04/2021 09:00	06/04/2021 15:17	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/04/2021 09:00	06/04/2021 15:17	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/04/2021 09:00	06/04/2021 15:17	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/04/2021 09:00	06/04/2021 15:17	YG
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/04/2021 09:00	06/04/2021 15:17	YG
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP			

Sample Information

Client Sample ID: WC-HF-Q1-2 2'

York Sample ID: 21F0043-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0043	27-09 40th Avenue, LIC, Queens, NY	Soil	May 28, 2021 11:10 am	06/01/2021

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
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:17 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
123-91-1	1,4-Dioxane	ND		ug/kg dry	58	120	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:17 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
78-93-3	2-Butanone	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
591-78-6	2-Hexanone	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
67-64-1	Acetone	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
107-02-8	Acrolein	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
107-13-1	Acrylonitrile	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
71-43-2	Benzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
74-97-5	Bromochloromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:17 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-25-2	Bromoform	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
74-83-9	Bromomethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-15-0	Carbon disulfide	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG

Sample Information

Client Sample ID: WC-HF-Q1-2 2'

York Sample ID: 21F0043-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0043	27-09 40th Avenue, LIC, Queens, NY	Soil	May 28, 2021 11:10 am	06/01/2021

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
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-90-7	Chlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-00-3	Chloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
67-66-3	Chloroform	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
74-87-3	Chloromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
110-82-7	Cyclohexane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:17 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:17 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
74-95-3	Dibromomethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:17 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:17 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:17 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
79-20-9	Methyl acetate	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:17 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:17 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-09-2	Methylene chloride	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
95-47-6	o-Xylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:17 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	YG
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:17 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	YG
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG

Sample Information

Client Sample ID: WC-HF-Q1-2 2' **York Sample ID:** 21F0043-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0043	27-09 40th Avenue, LIC, Queens, NY	Soil	May 28, 2021 11:10 am	06/01/2021

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
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/04/2021 09:00	06/04/2021 15:17	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/04/2021 09:00	06/04/2021 15:17	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.9	29	1	EPA 8260C	06/04/2021 09:00	06/04/2021 15:17	YG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/04/2021 09:00	06/04/2021 15:17	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	**Tetrachloroethylene**	**6.1**		ug/kg dry	2.9	5.8	1	EPA 8260C	06/04/2021 09:00	06/04/2021 15:17	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/04/2021 09:00	06/04/2021 15:17	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/04/2021 09:00	06/04/2021 15:17	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/04/2021 09:00	06/04/2021 15:17	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/04/2021 09:00	06/04/2021 15:17	YG
								Certifications:	CTDOH		
79-01-6	Trichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/04/2021 09:00	06/04/2021 15:17	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/04/2021 09:00	06/04/2021 15:17	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/04/2021 09:00	06/04/2021 15:17	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.8	18	1	EPA 8260C	06/04/2021 09:00	06/04/2021 15:17	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*112 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.8 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**97.9**		%	0.100	1	SM 2540G	06/02/2021 11:16	06/02/2021 14:21	SK
							Certifications:	CTDOH		

Sample Information

Client Sample ID: WC-HF-Q1-3 2'

York Sample ID: 21F0043-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0043	27-09 40th Avenue, LIC, Queens, NY	Soil	May 28, 2021 11:05 am	06/01/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	YG
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:42 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:42 NELAC-NY10854,NELAC-NY12058,NJDEP	YG
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:42 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
123-91-1	1,4-Dioxane	ND		ug/kg dry	51	100	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:42 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
78-93-3	2-Butanone	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
591-78-6	2-Hexanone	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG

Sample Information

Client Sample ID: WC-HF-Q1-3 2'

York Sample ID: 21F0043-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0043	27-09 40th Avenue, LIC, Queens, NY	Soil	May 28, 2021 11:05 am	06/01/2021

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		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:42	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-02-8	Acrolein	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:42	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-13-1	Acrylonitrile	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:42	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
71-43-2	Benzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:42	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:42	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:42	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-25-2	Bromoform	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:42	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-83-9	Bromomethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:42	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-15-0	Carbon disulfide	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:42	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:42	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-90-7	Chlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:42	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-00-3	Chloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:42	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-66-3	Chloroform	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:42	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-87-3	Chloromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:42	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:42	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:42	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-82-7	Cyclohexane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:42	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:42	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:42	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:42	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:42	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:42	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:42	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: WC-HF-Q1-3 2' **York Sample ID:** 21F0043-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0043	27-09 40th Avenue, LIC, Queens, NY	Soil	May 28, 2021 11:05 am	06/01/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:42 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:42 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-09-2	Methylene chloride	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
95-47-6	o-Xylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:42 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	YG
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:42 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	YG
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
100-42-5	Styrene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.5	25	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:42 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
127-18-4	**Tetrachloroethylene**	**44**		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-88-3	Toluene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:42 CTDOH	YG
79-01-6	Trichloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.6	15	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 15:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	YG

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*114 %*	*77-125*

Sample Information

Client Sample ID: WC-HF-Q1-3 2' **York Sample ID:** 21F0043-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0043	27-09 40th Avenue, LIC, Queens, NY	Soil	May 28, 2021 11:05 am	06/01/2021

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*	*97.2 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*100 %*			*76-130*						

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**84.6**		%	0.100	1	SM 2540G Certifications: CTDOH	06/02/2021 11:16	06/02/2021 14:21	SK

Sample Information

Client Sample ID: WC-HF-Q1-4 2' **York Sample ID:** 21F0043-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0043	27-09 40th Avenue, LIC, Queens, NY	Soil	May 28, 2021 11:00 am	06/01/2021

Volatile Organics, 8260 - Comprehensive

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/04/2021 09:00	06/04/2021 16:08	YG
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/04/2021 09:00	06/04/2021 16:08	YG
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/04/2021 09:00	06/04/2021 16:08	YG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	06/04/2021 09:00	06/04/2021 16:08	YG
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/04/2021 09:00	06/04/2021 16:08	YG
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/04/2021 09:00	06/04/2021 16:08	YG
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/04/2021 09:00	06/04/2021 16:08	YG
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/04/2021 09:00	06/04/2021 16:08	YG
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	06/04/2021 09:00	06/04/2021 16:08	YG
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/04/2021 09:00	06/04/2021 16:08	YG

Sample Information

Client Sample ID: WC-HF-Q1-4 2'

York Sample ID: 21F0043-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0043	27-09 40th Avenue, LIC, Queens, NY	Soil	May 28, 2021 11:00 am	06/01/2021

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		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
123-91-1	1,4-Dioxane	ND		ug/kg dry	61	120	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:08 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
78-93-3	2-Butanone	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
591-78-6	2-Hexanone	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
67-64-1	Acetone	ND		ug/kg dry	6.1	12	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
107-02-8	Acrolein	ND		ug/kg dry	6.1	12	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
107-13-1	Acrylonitrile	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
71-43-2	Benzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
74-97-5	Bromochloromethane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:08 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-25-2	Bromoform	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
74-83-9	Bromomethane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-15-0	Carbon disulfide	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG

Sample Information

Client Sample ID: WC-HF-Q1-4 2'

York Sample ID: 21F0043-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0043	27-09 40th Avenue, LIC, Queens, NY	Soil	May 28, 2021 11:00 am	06/01/2021

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		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:08	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-00-3	Chloroethane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:08	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-66-3	Chloroform	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:08	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-87-3	Chloromethane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:08	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:08	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:08	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-82-7	Cyclohexane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:08	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:08	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:08	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:08	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:08	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:08	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:08	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
79-20-9	Methyl acetate	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:08	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:08	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-87-2	Methylcyclohexane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:08	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	Methylene chloride	ND		ug/kg dry	6.1	12	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:08	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:08	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:08	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-47-6	o-Xylene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:08	YG CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.1	12	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:08	YG CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:08	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:08	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: WC-HF-Q1-4 2'

York Sample ID: 21F0043-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0043	27-09 40th Avenue, LIC, Queens, NY	Soil	May 28, 2021 11:00 am	06/01/2021

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		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	06/04/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/04/2021 16:08	YG
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.0	30	1	EPA 8260C Certifications:	06/04/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/04/2021 16:08	YG
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	06/04/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/04/2021 16:08	YG
127-18-4	**Tetrachloroethylene**	**200**		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	06/04/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/04/2021 16:08	YG
108-88-3	Toluene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	06/04/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/04/2021 16:08	YG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	06/04/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/04/2021 16:08	YG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	06/04/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/04/2021 16:08	YG
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	06/04/2021 09:00 CTDOH	06/04/2021 16:08	YG
79-01-6	Trichloroethylene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	06/04/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/04/2021 16:08	YG
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	06/04/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/04/2021 16:08	YG
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	06/04/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/04/2021 16:08	YG
1330-20-7	Xylenes, Total	ND		ug/kg dry	9.1	18	1	EPA 8260C Certifications:	06/04/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	06/04/2021 16:08	YG

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*109 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*106 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*119 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**86.4**		%	0.100	1	SM 2540G Certifications: CTDOH	06/02/2021 11:16	06/02/2021 14:21	SK

Sample Information

Client Sample ID: WC-HF-Q1-5 3' **York Sample ID:** 21F0043-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0043	27-09 40th Avenue, LIC, Queens, NY	Soil	May 28, 2021 10:55 am	06/01/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	YG
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:34 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:34 NELAC-NY10854,NELAC-NY12058,NJDEP	YG
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:34 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
123-91-1	1,4-Dioxane	ND		ug/kg dry	50	99	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:34 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
78-93-3	2-Butanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
591-78-6	2-Hexanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG

Sample Information

Client Sample ID: WC-HF-Q1-5 3'

York Sample ID: 21F0043-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0043	27-09 40th Avenue, LIC, Queens, NY	Soil	May 28, 2021 10:55 am	06/01/2021

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		ug/kg dry	5.0	9.9	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:34	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-02-8	Acrolein	ND		ug/kg dry	5.0	9.9	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:34	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-13-1	Acrylonitrile	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:34	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
71-43-2	Benzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:34	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:34	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:34	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-25-2	Bromoform	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:34	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-83-9	Bromomethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:34	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-15-0	Carbon disulfide	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:34	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:34	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-90-7	Chlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:34	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-00-3	Chloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:34	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-66-3	Chloroform	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:34	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-87-3	Chloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:34	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:34	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:34	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-82-7	Cyclohexane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:34	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:34	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:34	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:34	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:34	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:34	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:34	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: WC-HF-Q1-5 3' **York Sample ID:** 21F0043-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0043	27-09 40th Avenue, LIC, Queens, NY	Soil	May 28, 2021 10:55 am	06/01/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/04/2021 16:34	YG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/04/2021 16:34	YG
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/04/2021 16:34	YG
75-09-2	Methylene chloride	ND		ug/kg dry	5.0	9.9	1	EPA 8260C Certifications:	06/04/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/04/2021 16:34	YG
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/04/2021 16:34	YG
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/04/2021 16:34	YG
95-47-6	o-Xylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	06/04/2021 16:34	YG
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.0	9.9	1	EPA 8260C Certifications:	06/04/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	06/04/2021 16:34	YG
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/04/2021 16:34	YG
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/04/2021 16:34	YG
100-42-5	Styrene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/04/2021 16:34	YG
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.5	25	1	EPA 8260C Certifications:	06/04/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/04/2021 16:34	YG
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/04/2021 16:34	YG
127-18-4	**Tetrachloroethylene**	**60**		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/04/2021 16:34	YG
108-88-3	Toluene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/04/2021 16:34	YG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/04/2021 16:34	YG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/04/2021 16:34	YG
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00 CTDOH	06/04/2021 16:34	YG
79-01-6	Trichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/04/2021 16:34	YG
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/04/2021 16:34	YG
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/04/2021 16:34	YG
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.4	15	1	EPA 8260C Certifications:	06/04/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	06/04/2021 16:34	YG

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*110 %*	*77-125*

Sample Information

Client Sample ID: WC-HF-Q1-5 3' **York Sample ID:** 21F0043-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0043	27-09 40th Avenue, LIC, Queens, NY	Soil	May 28, 2021 10:55 am	06/01/2021

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*	*96.5 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*100 %*			*76-130*						

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**97.6**		%	0.100	1	SM 2540G	06/02/2021 11:16	06/02/2021 14:21	SK
							Certifications: CTDOH			

Sample Information

Client Sample ID: WC-CS-Q1 7' **York Sample ID:** 21F0043-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0043	27-09 40th Avenue, LIC, Queens, NY	Soil	May 28, 2021 11:40 am	06/01/2021

Volatile Organics, 8260 - Comprehensive

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	06/04/2021 09:00	06/04/2021 16:59	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	06/04/2021 09:00	06/04/2021 16:59	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	06/04/2021 09:00	06/04/2021 16:59	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	06/04/2021 09:00	06/04/2021 16:59	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	06/04/2021 09:00	06/04/2021 16:59	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	06/04/2021 09:00	06/04/2021 16:59	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	06/04/2021 09:00	06/04/2021 16:59	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	06/04/2021 09:00	06/04/2021 16:59	YG
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	06/04/2021 09:00	06/04/2021 16:59	YG
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	06/04/2021 09:00	06/04/2021 16:59	YG
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			

Sample Information

Client Sample ID: WC-CS-Q1 7'

York Sample ID: 21F0043-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0043	27-09 40th Avenue, LIC, Queens, NY	Soil	May 28, 2021 11:40 am	06/01/2021

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		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:59 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:59 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:59 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:59 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:59 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:59 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:59 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:59 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:59 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
123-91-1	1,4-Dioxane	ND		ug/kg dry	50	100	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:59 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
78-93-3	2-Butanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:59 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
591-78-6	2-Hexanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:59 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:59 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
67-64-1	Acetone	ND		ug/kg dry	5.0	10	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:59 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
107-02-8	Acrolein	ND		ug/kg dry	5.0	10	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:59 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
107-13-1	Acrylonitrile	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:59 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
71-43-2	Benzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:59 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
74-97-5	Bromochloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:59 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:59 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-25-2	Bromoform	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:59 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
74-83-9	Bromomethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:59 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-15-0	Carbon disulfide	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:59 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:59 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG

Sample Information

Client Sample ID: WC-CS-Q1 7'

York Sample ID: 21F0043-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0043	27-09 40th Avenue, LIC, Queens, NY	Soil	May 28, 2021 11:40 am	06/01/2021

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		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:59	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-00-3	Chloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:59	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-66-3	Chloroform	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:59	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-87-3	Chloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:59	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:59	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:59	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-82-7	Cyclohexane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:59	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:59	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:59	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:59	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:59	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:59	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:59	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
79-20-9	Methyl acetate	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:59	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:59	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:59	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	Methylene chloride	ND		ug/kg dry	5.0	10	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:59	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:59	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:59	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-47-6	o-Xylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:59	YG CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.0	10	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:59	YG CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:59	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 16:59	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: WC-CS-Q1 7' **York Sample ID:** 21F0043-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0043	27-09 40th Avenue, LIC, Queens, NY	Soil	May 28, 2021 11:40 am	06/01/2021

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		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/04/2021 16:59	YG
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.5	25	1	EPA 8260C Certifications:	06/04/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/04/2021 16:59	YG
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/04/2021 16:59	YG
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/04/2021 16:59	YG
108-88-3	Toluene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/04/2021 16:59	YG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/04/2021 16:59	YG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/04/2021 16:59	YG
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00 CTDOH	06/04/2021 16:59	YG
79-01-6	Trichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/04/2021 16:59	YG
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/04/2021 16:59	YG
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/04/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/04/2021 16:59	YG
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.6	15	1	EPA 8260C Certifications:	06/04/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	06/04/2021 16:59	YG

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*114 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.8 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*100 %*	*76-130*

Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications:	06/07/2021 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/07/2021 13:44	YG
107-06-2	1,2-Dichloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications:	06/07/2021 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/07/2021 13:44	YG
106-46-7	1,4-Dichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications:	06/07/2021 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/07/2021 13:44	YG
78-93-3	2-Butanone	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications:	06/07/2021 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/07/2021 13:44	YG
71-43-2	**Benzene**	**40**	J	ug/L	25	50	10	EPA 8260C/1311 Certifications:	06/07/2021 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/07/2021 13:44	YG
56-23-5	Carbon tetrachloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications:	06/07/2021 09:00 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/07/2021 13:44	YG

Sample Information

Client Sample ID: WC-CS-Q1 7' **York Sample ID:** 21F0043-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0043	27-09 40th Avenue, LIC, Queens, NY	Soil	May 28, 2021 11:40 am	06/01/2021

Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311	06/07/2021 09:00	06/07/2021 13:44	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
67-66-3	Chloroform	ND		ug/L	25	50	10	EPA 8260C/1311	06/07/2021 09:00	06/07/2021 13:44	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
127-18-4	Tetrachloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311	06/07/2021 09:00	06/07/2021 13:44	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
79-01-6	Trichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311	06/07/2021 09:00	06/07/2021 13:44	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
75-01-4	Vinyl Chloride	ND		ug/L	25	50	10	EPA 8260C/1311	06/07/2021 09:00	06/07/2021 13:44	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*91.7 %*	*76-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.0 %*	*85-120*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**96.8**		%	0.100	1	SM 2540G	06/02/2021 11:16	06/02/2021 14:21	SK
							Certifications: CTDOH			

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	06/02/2021 15:28	06/03/2021 10:26	TAJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: WC-CS-Q1 13' **York Sample ID:** 21F0043-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0043	27-09 40th Avenue, LIC, Queens, NY	Soil	May 28, 2021 11:45 am	06/01/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: WC-CS-Q1 13' **York Sample ID:** 21F0043-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0043	27-09 40th Avenue, LIC, Queens, NY	Soil	May 28, 2021 11:45 am	06/01/2021

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	YG
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:25 NELAC-NY10854,NELAC-NY12058,NJDEP	YG
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
123-91-1	1,4-Dioxane	ND		ug/kg dry	57	110	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
78-93-3	2-Butanone	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
591-78-6	2-Hexanone	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
67-64-1	Acetone	ND		ug/kg dry	5.7	11	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG

Sample Information

Client Sample ID: WC-CS-Q1 13'

York Sample ID: 21F0043-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0043	27-09 40th Avenue, LIC, Queens, NY	Soil	May 28, 2021 11:45 am	06/01/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND		ug/kg dry	5.7	11	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:25	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-13-1	Acrylonitrile	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:25	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
71-43-2	Benzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:25	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:25	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:25	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-25-2	Bromoform	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:25	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-83-9	Bromomethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:25	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-15-0	Carbon disulfide	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:25	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:25	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-90-7	Chlorobenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:25	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-00-3	Chloroethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:25	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-66-3	Chloroform	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:25	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-87-3	Chloromethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:25	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:25	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:25	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-82-7	Cyclohexane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:25	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:25	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:25	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:25	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:25	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:25	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:25	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
79-20-9	Methyl acetate	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:25	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: WC-CS-Q1 13'

York Sample ID: 21F0043-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0043	27-09 40th Avenue, LIC, Queens, NY	Soil	May 28, 2021 11:45 am	06/01/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:25	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:25	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	Methylene chloride	ND		ug/kg dry	5.7	11	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:25	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:25	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:25	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-47-6	o-Xylene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:25	YG CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.7	11	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:25	YG CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:25	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:25	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-42-5	Styrene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:25	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.9	29	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:25	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:25	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:25	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-88-3	Toluene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:25	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:25	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:25	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:25	YG CTDOH
79-01-6	Trichloroethylene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:25	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:25	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:25	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.6	17	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:25	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*116 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.0 %*	*85-120*

Sample Information

Client Sample ID: WC-CS-Q1 13'

York Sample ID: 21F0043-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0043	27-09 40th Avenue, LIC, Queens, NY	Soil	May 28, 2021 11:45 am	06/01/2021

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*	*100 %*			*76-130*						

Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311	06/07/2021 09:00	06/07/2021 14:11	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
107-06-2	1,2-Dichloroethane	ND		ug/L	25	50	10	EPA 8260C/1311	06/07/2021 09:00	06/07/2021 14:11	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
106-46-7	1,4-Dichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311	06/07/2021 09:00	06/07/2021 14:11	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
78-93-3	2-Butanone	ND		ug/L	25	50	10	EPA 8260C/1311	06/07/2021 09:00	06/07/2021 14:11	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
71-43-2	Benzene	ND		ug/L	25	50	10	EPA 8260C/1311	06/07/2021 09:00	06/07/2021 14:11	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
56-23-5	Carbon tetrachloride	ND		ug/L	25	50	10	EPA 8260C/1311	06/07/2021 09:00	06/07/2021 14:11	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
108-90-7	Chlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311	06/07/2021 09:00	06/07/2021 14:11	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
67-66-3	Chloroform	ND		ug/L	25	50	10	EPA 8260C/1311	06/07/2021 09:00	06/07/2021 14:11	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
127-18-4	Tetrachloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311	06/07/2021 09:00	06/07/2021 14:11	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
79-01-6	Trichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311	06/07/2021 09:00	06/07/2021 14:11	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
75-01-4	Vinyl Chloride	ND		ug/L	25	50	10	EPA 8260C/1311	06/07/2021 09:00	06/07/2021 14:11	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*110 %*	*77-125*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*93.4 %*	*76-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.5 %*	*85-120*

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	06/02/2021 11:16	06/02/2021 14:21	SK
							Certifications: CTDOH			

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: WC-CS-Q1 13' **York Sample ID:** 21F0043-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0043	27-09 40th Avenue, LIC, Queens, NY	Soil	May 28, 2021 11:45 am	06/01/2021

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	06/02/2021 15:28	06/03/2021 10:26	TAJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: WC-CS-Q1 18' **York Sample ID:** 21F0043-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0043	27-09 40th Avenue, LIC, Queens, NY	Soil	May 28, 2021 11:50 am	06/01/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	06/04/2021 09:00	06/04/2021 17:51	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	06/04/2021 09:00	06/04/2021 17:51	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	06/04/2021 09:00	06/04/2021 17:51	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	06/04/2021 09:00	06/04/2021 17:51	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	06/04/2021 09:00	06/04/2021 17:51	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	06/04/2021 09:00	06/04/2021 17:51	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	06/04/2021 09:00	06/04/2021 17:51	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	06/04/2021 09:00	06/04/2021 17:51	YG
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	06/04/2021 09:00	06/04/2021 17:51	YG
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	06/04/2021 09:00	06/04/2021 17:51	YG
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	06/04/2021 09:00	06/04/2021 17:51	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	06/04/2021 09:00	06/04/2021 17:51	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	06/04/2021 09:00	06/04/2021 17:51	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	06/04/2021 09:00	06/04/2021 17:51	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	06/04/2021 09:00	06/04/2021 17:51	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			

Sample Information

Client Sample ID: WC-CS-Q1 18'

York Sample ID: 21F0043-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0043	27-09 40th Avenue, LIC, Queens, NY	Soil	May 28, 2021 11:50 am	06/01/2021

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		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
123-91-1	1,4-Dioxane	ND		ug/kg dry	49	98	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:51 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
78-93-3	2-Butanone	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
591-78-6	2-Hexanone	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
67-64-1	Acetone	ND		ug/kg dry	4.9	9.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
107-02-8	Acrolein	ND		ug/kg dry	4.9	9.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
107-13-1	Acrylonitrile	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
71-43-2	Benzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
74-97-5	Bromochloromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:51 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-25-2	Bromoform	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
74-83-9	Bromomethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-15-0	Carbon disulfide	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-90-7	Chlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-00-3	Chloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
67-66-3	Chloroform	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
74-87-3	Chloromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG

Sample Information

Client Sample ID: WC-CS-Q1 18' **York Sample ID:** 21F0043-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0043	27-09 40th Avenue, LIC, Queens, NY	Soil	May 28, 2021 11:50 am	06/01/2021

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		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
110-82-7	Cyclohexane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:51 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:51 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
74-95-3	Dibromomethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:51 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:51 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:51 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
79-20-9	Methyl acetate	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:51 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:51 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-09-2	Methylene chloride	ND		ug/kg dry	4.9	9.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
95-47-6	o-Xylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:51 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	YG
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.9	9.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:51 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	YG
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
100-42-5	Styrene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.4	24	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:51 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
127-18-4	**Tetrachloroethylene**	**13**		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-88-3	Toluene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 17:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG

Sample Information

Client Sample ID: WC-CS-Q1 18' **York Sample ID:** 21F0043-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0043	27-09 40th Avenue, LIC, Queens, NY	Soil	May 28, 2021 11:50 am	06/01/2021

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		ug/kg dry	2.4	4.9	1	EPA 8260C	06/04/2021 09:00	06/04/2021 17:51	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	06/04/2021 09:00	06/04/2021 17:51	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	06/04/2021 09:00	06/04/2021 17:51	YG
								Certifications:	CTDOH		
79-01-6	Trichloroethylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	06/04/2021 09:00	06/04/2021 17:51	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	06/04/2021 09:00	06/04/2021 17:51	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	06/04/2021 09:00	06/04/2021 17:51	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.3	15	1	EPA 8260C	06/04/2021 09:00	06/04/2021 17:51	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*115 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.3 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**98.2**		%	0.100	1	SM 2540G	06/02/2021 11:16	06/02/2021 14:21	SK
							Certifications:	CTDOH		

Sample Information

Client Sample ID: WC-CS-Q1 23' **York Sample ID:** 21F0043-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0043	27-09 40th Avenue, LIC, Queens, NY	Soil	May 28, 2021 11:55 am	06/01/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	06/04/2021 09:00	06/04/2021 18:16	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: WC-CS-Q1 23'

York Sample ID: 21F0043-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0043	27-09 40th Avenue, LIC, Queens, NY	Soil	May 28, 2021 11:55 am	06/01/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 18:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 18:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 18:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	YG
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 18:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 18:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 18:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 18:16 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 18:16 NELAC-NY10854,NELAC-NY12058,NJDEP	YG
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 18:16 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 18:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 18:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 18:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 18:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 18:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 18:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 18:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 18:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 18:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
123-91-1	1,4-Dioxane	ND		ug/kg dry	48	96	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 18:16 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
78-93-3	2-Butanone	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 18:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
591-78-6	2-Hexanone	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 18:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 18:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
67-64-1	Acetone	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 18:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG

Sample Information

Client Sample ID: WC-CS-Q1 23'

York Sample ID: 21F0043-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0043	27-09 40th Avenue, LIC, Queens, NY	Soil	May 28, 2021 11:55 am	06/01/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 18:16	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-13-1	Acrylonitrile	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 18:16	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
71-43-2	Benzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 18:16	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 18:16	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 18:16	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-25-2	Bromoform	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 18:16	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-83-9	Bromomethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 18:16	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-15-0	Carbon disulfide	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 18:16	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 18:16	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-90-7	Chlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 18:16	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-00-3	Chloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 18:16	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-66-3	Chloroform	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 18:16	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-87-3	Chloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 18:16	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 18:16	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 18:16	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-82-7	Cyclohexane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 18:16	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 18:16	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 18:16	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 18:16	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 18:16	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 18:16	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 18:16	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
79-20-9	Methyl acetate	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 18:16	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: WC-CS-Q1 23' **York Sample ID:** 21F0043-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0043	27-09 40th Avenue, LIC, Queens, NY	Soil	May 28, 2021 11:55 am	06/01/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 18:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 18:16 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-09-2	Methylene chloride	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 18:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 18:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 18:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
95-47-6	o-Xylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 18:16 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	YG
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 18:16 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	YG
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 18:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 18:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
100-42-5	Styrene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 18:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.4	24	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 18:16 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 18:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
127-18-4	**Tetrachloroethylene**	**7.0**		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 18:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-88-3	Toluene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 18:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 18:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 18:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 18:16 CTDOH	YG
79-01-6	Trichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 18:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 18:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 18:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.2	14	1	EPA 8260C Certifications:	06/04/2021 09:00	06/04/2021 18:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	YG

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*112 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.3 %*	*85-120*

Sample Information

Client Sample ID: WC-CS-Q1 23'

York Sample ID: 21F0043-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0043	27-09 40th Avenue, LIC, Queens, NY	Soil	May 28, 2021 11:55 am	06/01/2021

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*	*100 %*			*76-130*						

Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/07/2021 09:00	06/07/2021 14:39	YG
107-06-2	1,2-Dichloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/07/2021 09:00	06/07/2021 14:39	YG
106-46-7	1,4-Dichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/07/2021 09:00	06/07/2021 14:39	YG
78-93-3	2-Butanone	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/07/2021 09:00	06/07/2021 14:39	YG
71-43-2	Benzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/07/2021 09:00	06/07/2021 14:39	YG
56-23-5	Carbon tetrachloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/07/2021 09:00	06/07/2021 14:39	YG
108-90-7	Chlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/07/2021 09:00	06/07/2021 14:39	YG
67-66-3	Chloroform	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/07/2021 09:00	06/07/2021 14:39	YG
127-18-4	Tetrachloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/07/2021 09:00	06/07/2021 14:39	YG
79-01-6	Trichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/07/2021 09:00	06/07/2021 14:39	YG
75-01-4	Vinyl Chloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/07/2021 09:00	06/07/2021 14:39	YG

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*107 %*	*77-125*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*94.3 %*	*76-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.8 %*	*85-120*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**96.7**		%	0.100	1	SM 2540G Certifications: CTDOH	06/02/2021 11:16	06/02/2021 14:21	SK

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: WC-CS-Q1 23' **York Sample ID:** 21F0043-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0043	27-09 40th Avenue, LIC, Queens, NY	Soil	May 28, 2021 11:55 am	06/01/2021

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	06/02/2021 15:28	06/03/2021 10:26	TAJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: WC-HF-Q1 **York Sample ID:** 21F0043-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0043	27-09 40th Avenue, LIC, Queens, NY	Soil	May 28, 2021 11:20 am	06/01/2021

Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311	06/07/2021 09:00	06/07/2021 15:07	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
107-06-2	1,2-Dichloroethane	ND		ug/L	25	50	10	EPA 8260C/1311	06/07/2021 09:00	06/07/2021 15:07	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
106-46-7	1,4-Dichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311	06/07/2021 09:00	06/07/2021 15:07	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
78-93-3	2-Butanone	ND		ug/L	25	50	10	EPA 8260C/1311	06/07/2021 09:00	06/07/2021 15:07	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
71-43-2	Benzene	ND		ug/L	25	50	10	EPA 8260C/1311	06/07/2021 09:00	06/07/2021 15:07	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
56-23-5	Carbon tetrachloride	ND		ug/L	25	50	10	EPA 8260C/1311	06/07/2021 09:00	06/07/2021 15:07	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
108-90-7	Chlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311	06/07/2021 09:00	06/07/2021 15:07	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
67-66-3	Chloroform	ND		ug/L	25	50	10	EPA 8260C/1311	06/07/2021 09:00	06/07/2021 15:07	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
127-18-4	Tetrachloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311	06/07/2021 09:00	06/07/2021 15:07	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
79-01-6	Trichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311	06/07/2021 09:00	06/07/2021 15:07	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
75-01-4	Vinyl Chloride	ND		ug/L	25	50	10	EPA 8260C/1311	06/07/2021 09:00	06/07/2021 15:07	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*107 %*	*77-125*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*95.1 %*	*76-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.8 %*	*85-120*

Sample Information

Client Sample ID: WC-HF-Q1 **York Sample ID:** 21F0043-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0043	27-09 40th Avenue, LIC, Queens, NY	Soil	May 28, 2021 11:20 am	06/01/2021

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	3.23	5.00	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP	06/04/2021 06:00	06/07/2021 14:43	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	3.61	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/04/2021 06:00	06/07/2021 14:43	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	3.27	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/04/2021 06:00	06/07/2021 14:43	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.37	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/04/2021 06:00	06/07/2021 14:43	KH
95-48-7	2-Methylphenol	ND		ug/L	0.857	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/04/2021 06:00	06/07/2021 14:43	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	3.72	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/04/2021 06:00	06/07/2021 14:43	KH
1319-77-3	Cresols, total	ND		ug/L	3.70	15.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854	06/04/2021 06:00	06/07/2021 14:43	KH
118-74-1	Hexachlorobenzene	ND		ug/L	2.96	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/04/2021 06:00	06/07/2021 14:43	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	3.31	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/04/2021 06:00	06/07/2021 14:43	KH
67-72-1	Hexachloroethane	ND		ug/L	3.63	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/04/2021 06:00	06/07/2021 14:43	KH
98-95-3	Nitrobenzene	ND		ug/L	1.97	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/04/2021 06:00	06/07/2021 14:43	KH
87-86-5	Pentachlorophenol	ND		ug/L	3.76	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/04/2021 06:00	06/07/2021 14:43	KH
110-86-1	Pyridine	ND		ug/L	3.19	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/04/2021 06:00	06/07/2021 14:43	KH

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*56.4 %*		*10-90.9*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*47.5 %*		*10-69.2*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*68.6 %*		*19.2-141*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*73.1 %*		*24.8-127*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*98.3 %*		*23-163*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*112 %*	S-08	*25.8-110*

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 06:38	06/03/2021 08:01	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 06:38	06/03/2021 08:01	CM

Sample Information

Client Sample ID: WC-HF-Q1 **York Sample ID:** 21F0043-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0043	27-09 40th Avenue, LIC, Queens, NY	Soil	May 28, 2021 11:20 am	06/01/2021

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		ug/kg dry	1.83	5	EPA 8081B Certifications:	06/02/2021 06:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/03/2021 08:01	CM
309-00-2	Aldrin	ND		ug/kg dry	1.83	5	EPA 8081B Certifications:	06/02/2021 06:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/03/2021 08:01	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.83	5	EPA 8081B Certifications:	06/02/2021 06:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/03/2021 08:01	CM
5103-71-9	**alpha-Chlordane**	**115**		ug/kg dry	1.83	5	EPA 8081B Certifications:	06/02/2021 06:38 NELAC-NY10854,NJDEP	06/03/2021 08:01	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.83	5	EPA 8081B Certifications:	06/02/2021 06:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/03/2021 08:01	CM
57-74-9	**Chlordane, total**	**644**		ug/kg dry	36.6	5	EPA 8081B Certifications:	06/02/2021 06:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/03/2021 08:01	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.83	5	EPA 8081B Certifications:	06/02/2021 06:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/03/2021 08:01	CM
60-57-1	**Dieldrin**	**183**		ug/kg dry	1.83	5	EPA 8081B Certifications:	06/02/2021 06:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/03/2021 08:01	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.83	5	EPA 8081B Certifications:	06/02/2021 06:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/03/2021 08:01	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.83	5	EPA 8081B Certifications:	06/02/2021 06:38 CTDOH,NELAC-NY10854	06/03/2021 08:01	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.83	5	EPA 8081B Certifications:	06/02/2021 06:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/03/2021 08:01	CM
72-20-8	**Endrin**	**4.96**		ug/kg dry	1.83	5	EPA 8081B Certifications:	06/02/2021 06:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/03/2021 08:01	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.83	5	EPA 8081B Certifications:	06/02/2021 06:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/03/2021 08:01	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.83	5	EPA 8081B Certifications:	06/02/2021 06:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/03/2021 08:01	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.83	5	EPA 8081B Certifications:	06/02/2021 06:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/03/2021 08:01	CM
5566-34-7	**gamma-Chlordane**	**98.4**		ug/kg dry	1.83	5	EPA 8081B Certifications:	06/02/2021 06:38 NELAC-NY10854,NJDEP	06/03/2021 08:01	CM
76-44-8	**Heptachlor**	**5.65**		ug/kg dry	1.83	5	EPA 8081B Certifications:	06/02/2021 06:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/03/2021 08:01	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.83	5	EPA 8081B Certifications:	06/02/2021 06:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/03/2021 08:01	CM
72-43-5	Methoxychlor	ND		ug/kg dry	9.14	5	EPA 8081B Certifications:	06/02/2021 06:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/03/2021 08:01	CM
8001-35-2	Toxaphene	ND		ug/kg dry	92.5	5	EPA 8081B Certifications:	06/02/2021 06:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/03/2021 08:01	CM

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*107 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*93.6 %*	*30-150*

Sample Information

Client Sample ID: WC-HF-Q1 **York Sample ID:** 21F0043-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0043	27-09 40th Avenue, LIC, Queens, NY	Soil	May 28, 2021 11:20 am	06/01/2021

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/02/2021 06:38	06/02/2021 16:18	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/02/2021 06:38	06/02/2021 16:18	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/02/2021 06:38	06/02/2021 16:18	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/02/2021 06:38	06/02/2021 16:18	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/02/2021 06:38	06/02/2021 16:18	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/02/2021 06:38	06/02/2021 16:18	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/02/2021 06:38	06/02/2021 16:18	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications:	06/02/2021 06:38	06/02/2021 16:18	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*104 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*84.5 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/kg dry	22.2	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/07/2021 08:10	06/07/2021 17:14	BJ
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	22.2	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/07/2021 08:10	06/07/2021 17:14	BJ
94-75-7	2,4-D	ND		ug/kg dry	22.2	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/07/2021 08:10	06/07/2021 17:14	BJ

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*99.2 %*	*21-150*

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 EPH

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total EPH	ND		mg/kg dry	54.7	1	NJDEP EPH Rev 3.0 Certifications: NJDEP	06/02/2021 06:36	06/02/2021 17:11	CD

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*69.7 %*	*31.6-128*

Sample Information

Client Sample ID: WC-HF-Q1 **York Sample ID:** 21F0043-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0043	27-09 40th Avenue, LIC, Queens, NY	Soil	May 28, 2021 11:20 am	06/01/2021

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 EPH

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-15-1	*Surrogate: o-Terphenyl*	*69.0 %*			*28.7-124*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**11100**		mg/kg dry	5.58	1	EPA 6010D	06/02/2021 20:19	06/04/2021 15:43	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	Antimony	ND		mg/kg dry	2.79	1	EPA 6010D	06/02/2021 20:19	06/04/2021 15:43	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	**Arsenic**	**5.31**		mg/kg dry	1.67	1	EPA 6010D	06/02/2021 20:19	06/04/2021 15:43	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**80.3**		mg/kg dry	2.79	1	EPA 6010D	06/02/2021 20:19	06/04/2021 15:43	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		mg/kg dry	0.056	1	EPA 6010D	06/02/2021 20:19	06/04/2021 15:43	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/kg dry	0.335	1	EPA 6010D	06/02/2021 20:19	06/04/2021 15:43	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**4230**		mg/kg dry	5.58	1	EPA 6010D	06/02/2021 20:19	06/04/2021 15:43	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**18.5**		mg/kg dry	0.558	1	EPA 6010D	06/02/2021 20:19	06/04/2021 15:43	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**6.59**		mg/kg dry	0.446	1	EPA 6010D	06/02/2021 20:19	06/04/2021 15:43	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**22.5**		mg/kg dry	2.23	1	EPA 6010D	06/02/2021 20:19	06/04/2021 15:43	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**14800**		mg/kg dry	27.9	1	EPA 6010D	06/02/2021 20:19	06/04/2021 15:43	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**110**		mg/kg dry	0.558	1	EPA 6010D	06/02/2021 20:19	06/04/2021 15:43	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**2620**		mg/kg dry	5.58	1	EPA 6010D	06/02/2021 20:19	06/04/2021 15:43	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**312**		mg/kg dry	0.558	1	EPA 6010D	06/02/2021 20:19	06/04/2021 15:43	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**15.4**		mg/kg dry	1.12	1	EPA 6010D	06/02/2021 20:19	06/04/2021 15:43	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**952**	B	mg/kg dry	5.58	1	EPA 6010D	06/02/2021 20:19	06/04/2021 15:43	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	2.79	1	EPA 6010D	06/02/2021 20:19	06/04/2021 15:43	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.558	1	EPA 6010D	06/02/2021 20:19	06/04/2021 15:43	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**89.1**		mg/kg dry	55.8	1	EPA 6010D	06/02/2021 20:19	06/04/2021 15:43	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: WC-HF-Q1 **York Sample ID:** 21F0043-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0043	27-09 40th Avenue, LIC, Queens, NY	Soil	May 28, 2021 11:20 am	06/01/2021

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	2.79	1	EPA 6010D	06/02/2021 20:19	06/04/2021 15:43	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**25.1**		mg/kg dry	1.12	1	EPA 6010D	06/02/2021 20:19	06/04/2021 15:43	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**106**		mg/kg dry	2.79	1	EPA 6010D	06/02/2021 20:19	06/04/2021 15:43	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

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**	**0.290**		mg/kg dry	0.0335	1	EPA 7473	06/03/2021 14:06	06/03/2021 18:17	BR
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.7**		%	0.100	1	SM 2540G	06/02/2021 11:18	06/02/2021 14:40	SK
							Certifications: CTDOH			

TCLP Extraction for SVOCS/PEST/HERB

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	06/02/2021 15:51	06/03/2021 12:05	TAJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	06/02/2021 15:28	06/03/2021 10:26	TAJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: WC-CS-Q1-06 4-10' **York Sample ID:** 21F0043-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0043	27-09 40th Avenue, LIC, Queens, NY	Soil	May 28, 2021 12:25 pm	06/01/2021

Sample Information

Client Sample ID: WC-CS-Q1-06 4-10'

York Sample ID: 21F0043-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0043	27-09 40th Avenue, LIC, Queens, NY	Soil	May 28, 2021 12:25 pm	06/01/2021

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	3.23	5.00	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP	06/04/2021 06:00	06/07/2021 15:15	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	3.61	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/04/2021 06:00	06/07/2021 15:15	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	3.27	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/04/2021 06:00	06/07/2021 15:15	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.37	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/04/2021 06:00	06/07/2021 15:15	KH
95-48-7	2-Methylphenol	ND		ug/L	0.857	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/04/2021 06:00	06/07/2021 15:15	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	3.72	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/04/2021 06:00	06/07/2021 15:15	KH
1319-77-3	Cresols, total	ND		ug/L	3.70	15.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854	06/04/2021 06:00	06/07/2021 15:15	KH
118-74-1	Hexachlorobenzene	ND		ug/L	2.96	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/04/2021 06:00	06/07/2021 15:15	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	3.31	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/04/2021 06:00	06/07/2021 15:15	KH
67-72-1	Hexachloroethane	ND		ug/L	3.63	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/04/2021 06:00	06/07/2021 15:15	KH
98-95-3	Nitrobenzene	ND		ug/L	1.97	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/04/2021 06:00	06/07/2021 15:15	KH
87-86-5	Pentachlorophenol	ND		ug/L	3.76	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/04/2021 06:00	06/07/2021 15:15	KH
110-86-1	Pyridine	ND		ug/L	3.19	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/04/2021 06:00	06/07/2021 15:15	KH

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*54.7 %*		*10-90.9*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*44.4 %*		*10-69.2*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*72.4 %*		*19.2-141*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*73.4 %*		*24.8-127*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*97.0 %*		*23-163*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*117 %*	S-08	*25.8-110*

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.67	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 06:38	06/03/2021 08:21	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.67	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 06:38	06/03/2021 08:21	CM

Sample Information

Client Sample ID: WC-CS-Q1-06 4-10'

York Sample ID: 21F0043-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0043	27-09 40th Avenue, LIC, Queens, NY	Soil	May 28, 2021 12:25 pm	06/01/2021

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		ug/kg dry	1.67	5	EPA 8081B Certifications:	06/02/2021 06:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/03/2021 08:21	CM
309-00-2	Aldrin	ND		ug/kg dry	1.67	5	EPA 8081B Certifications:	06/02/2021 06:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/03/2021 08:21	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.67	5	EPA 8081B Certifications:	06/02/2021 06:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/03/2021 08:21	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.67	5	EPA 8081B Certifications:	06/02/2021 06:38 NELAC-NY10854,NJDEP	06/03/2021 08:21	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.67	5	EPA 8081B Certifications:	06/02/2021 06:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/03/2021 08:21	CM
57-74-9	Chlordane, total	ND		ug/kg dry	33.4	5	EPA 8081B Certifications:	06/02/2021 06:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/03/2021 08:21	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.67	5	EPA 8081B Certifications:	06/02/2021 06:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/03/2021 08:21	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.67	5	EPA 8081B Certifications:	06/02/2021 06:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/03/2021 08:21	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.67	5	EPA 8081B Certifications:	06/02/2021 06:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/03/2021 08:21	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.67	5	EPA 8081B Certifications:	06/02/2021 06:38 CTDOH,NELAC-NY10854	06/03/2021 08:21	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.67	5	EPA 8081B Certifications:	06/02/2021 06:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/03/2021 08:21	CM
72-20-8	Endrin	ND		ug/kg dry	1.67	5	EPA 8081B Certifications:	06/02/2021 06:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/03/2021 08:21	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.67	5	EPA 8081B Certifications:	06/02/2021 06:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/03/2021 08:21	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.67	5	EPA 8081B Certifications:	06/02/2021 06:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/03/2021 08:21	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.67	5	EPA 8081B Certifications:	06/02/2021 06:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/03/2021 08:21	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.67	5	EPA 8081B Certifications:	06/02/2021 06:38 NELAC-NY10854,NJDEP	06/03/2021 08:21	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.67	5	EPA 8081B Certifications:	06/02/2021 06:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/03/2021 08:21	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.67	5	EPA 8081B Certifications:	06/02/2021 06:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/03/2021 08:21	CM
72-43-5	Methoxychlor	ND		ug/kg dry	8.35	5	EPA 8081B Certifications:	06/02/2021 06:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/03/2021 08:21	CM
8001-35-2	Toxaphene	ND		ug/kg dry	84.5	5	EPA 8081B Certifications:	06/02/2021 06:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/03/2021 08:21	CM

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*94.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*80.6 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: WC-CS-Q1-06 4-10'

York Sample ID: 21F0043-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0043	27-09 40th Avenue, LIC, Queens, NY	Soil	May 28, 2021 12:25 pm	06/01/2021

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	0.0169	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/02/2021 06:38	06/02/2021 16:32	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0169	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/02/2021 06:38	06/02/2021 16:32	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0169	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/02/2021 06:38	06/02/2021 16:32	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0169	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/02/2021 06:38	06/02/2021 16:32	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0169	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/02/2021 06:38	06/02/2021 16:32	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0169	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/02/2021 06:38	06/02/2021 16:32	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0169	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/02/2021 06:38	06/02/2021 16:32	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0169	1	EPA 8082A Certifications:	06/02/2021 06:38	06/02/2021 16:32	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*91.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*74.0 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/kg dry	20.2	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/07/2021 08:10	06/07/2021 17:25	BJ
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	20.2	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/07/2021 08:10	06/07/2021 17:25	BJ
94-75-7	2,4-D	ND		ug/kg dry	20.2	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/07/2021 08:10	06/07/2021 17:25	BJ

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*94.6 %*	*21-150*

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 EPH

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total EPH	ND		mg/kg dry	49.9	1	NJDEP EPH Rev 3.0 Certifications: NJDEP	06/02/2021 06:36	06/02/2021 17:41	CD

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*78.4 %*	*31.6-128*
84-15-1	*Surrogate: o-Terphenyl*	*77.3 %*	*28.7-124*

Sample Information

Client Sample ID: WC-CS-Q1-06 4-10'

York Sample ID: 21F0043-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0043	27-09 40th Avenue, LIC, Queens, NY	Soil	May 28, 2021 12:25 pm	06/01/2021

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**	**6980**		mg/kg dry	5.09	1	EPA 6010D	06/02/2021 20:19	06/04/2021 15:48	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	Antimony	ND		mg/kg dry	2.55	1	EPA 6010D	06/02/2021 20:19	06/04/2021 15:48	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	**Arsenic**	**2.18**		mg/kg dry	1.53	1	EPA 6010D	06/02/2021 20:19	06/04/2021 15:48	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**44.8**		mg/kg dry	2.55	1	EPA 6010D	06/02/2021 20:19	06/04/2021 15:48	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		mg/kg dry	0.051	1	EPA 6010D	06/02/2021 20:19	06/04/2021 15:48	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/kg dry	0.306	1	EPA 6010D	06/02/2021 20:19	06/04/2021 15:48	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**1680**		mg/kg dry	5.09	1	EPA 6010D	06/02/2021 20:19	06/04/2021 15:48	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**18.8**		mg/kg dry	0.509	1	EPA 6010D	06/02/2021 20:19	06/04/2021 15:48	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**6.15**		mg/kg dry	0.408	1	EPA 6010D	06/02/2021 20:19	06/04/2021 15:48	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**15.8**		mg/kg dry	2.04	1	EPA 6010D	06/02/2021 20:19	06/04/2021 15:48	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**13800**		mg/kg dry	25.5	1	EPA 6010D	06/02/2021 20:19	06/04/2021 15:48	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**17.6**		mg/kg dry	0.509	1	EPA 6010D	06/02/2021 20:19	06/04/2021 15:48	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**2830**		mg/kg dry	5.09	1	EPA 6010D	06/02/2021 20:19	06/04/2021 15:48	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**280**		mg/kg dry	0.509	1	EPA 6010D	06/02/2021 20:19	06/04/2021 15:48	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**13.3**		mg/kg dry	1.02	1	EPA 6010D	06/02/2021 20:19	06/04/2021 15:48	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**1270**	B	mg/kg dry	5.09	1	EPA 6010D	06/02/2021 20:19	06/04/2021 15:48	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	2.55	1	EPA 6010D	06/02/2021 20:19	06/04/2021 15:48	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.509	1	EPA 6010D	06/02/2021 20:19	06/04/2021 15:48	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**92.3**		mg/kg dry	50.9	1	EPA 6010D	06/02/2021 20:19	06/04/2021 15:48	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.55	1	EPA 6010D	06/02/2021 20:19	06/04/2021 15:48	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**23.0**		mg/kg dry	1.02	1	EPA 6010D	06/02/2021 20:19	06/04/2021 15:48	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**31.4**		mg/kg dry	2.55	1	EPA 6010D	06/02/2021 20:19	06/04/2021 15:48	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: WC-CS-Q1-06 4-10' **York Sample ID:** 21F0043-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0043	27-09 40th Avenue, LIC, Queens, NY	Soil	May 28, 2021 12:25 pm	06/01/2021

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**	**0.0324**		mg/kg dry	0.0306	1	EPA 7473	06/03/2021 14:06	06/03/2021 18:26	BR
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**98.1**		%	0.100	1	SM 2540G	06/02/2021 11:18	06/02/2021 14:40	SK
							Certifications: CTDOH			

TCLP Extraction for SVOCS/PEST/HERB

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	06/02/2021 15:51	06/03/2021 12:05	TAJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: WC-CS-Q1-06 10-15' **York Sample ID:** 21F0043-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0043	27-09 40th Avenue, LIC, Queens, NY	Soil	May 28, 2021 12:20 pm	06/01/2021

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	3.23	5.00	1	EPA 8270D/1311	06/04/2021 06:00	06/07/2021 15:47	KH
								Certifications: NELAC-NY10854,PADEP			
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	3.61	5.00	1	EPA 8270D/1311	06/04/2021 06:00	06/07/2021 15:47	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	3.27	5.00	1	EPA 8270D/1311	06/04/2021 06:00	06/07/2021 15:47	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.37	5.00	1	EPA 8270D/1311	06/04/2021 06:00	06/07/2021 15:47	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
95-48-7	2-Methylphenol	ND		ug/L	0.857	5.00	1	EPA 8270D/1311	06/04/2021 06:00	06/07/2021 15:47	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
65794-96-9	3- & 4-Methylphenols	ND		ug/L	3.72	10.0	1	EPA 8270D/1311	06/04/2021 06:00	06/07/2021 15:47	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: WC-CS-Q1-06 10-15'

York Sample ID: 21F0043-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0043	27-09 40th Avenue, LIC, Queens, NY	Soil	May 28, 2021 12:20 pm	06/01/2021

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1319-77-3	Cresols, total	ND		ug/L	3.70	15.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854	06/04/2021 06:00	06/07/2021 15:47	KH
118-74-1	Hexachlorobenzene	ND		ug/L	2.96	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/04/2021 06:00	06/07/2021 15:47	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	3.31	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/04/2021 06:00	06/07/2021 15:47	KH
67-72-1	Hexachloroethane	ND		ug/L	3.63	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/04/2021 06:00	06/07/2021 15:47	KH
98-95-3	Nitrobenzene	ND		ug/L	1.97	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/04/2021 06:00	06/07/2021 15:47	KH
87-86-5	Pentachlorophenol	ND		ug/L	3.76	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/04/2021 06:00	06/07/2021 15:47	KH
110-86-1	Pyridine	ND		ug/L	3.19	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/04/2021 06:00	06/07/2021 15:47	KH

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*53.3 %*		*10-90.9*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*45.9 %*		*10-69.2*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*68.9 %*		*19.2-141*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*70.3 %*		*24.8-127*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*96.6 %*		*23-163*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*118 %*	S-08	*25.8-110*

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.65	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 06:38	06/03/2021 08:38	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.65	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 06:38	06/03/2021 08:38	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.65	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 06:38	06/03/2021 08:38	CM
309-00-2	Aldrin	ND		ug/kg dry	1.65	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 06:38	06/03/2021 08:38	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.65	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 06:38	06/03/2021 08:38	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.65	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	06/02/2021 06:38	06/03/2021 08:38	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.65	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 06:38	06/03/2021 08:38	CM
57-74-9	Chlordane, total	ND		ug/kg dry	33.0	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 06:38	06/03/2021 08:38	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.65	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 06:38	06/03/2021 08:38	CM

Sample Information

Client Sample ID: WC-CS-Q1-06 10-15'

York Sample ID: 21F0043-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0043	27-09 40th Avenue, LIC, Queens, NY	Soil	May 28, 2021 12:20 pm	06/01/2021

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
60-57-1	Dieldrin	ND		ug/kg dry	1.65	5	EPA 8081B Certifications:	06/02/2021 06:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/03/2021 08:38	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.65	5	EPA 8081B Certifications:	06/02/2021 06:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/03/2021 08:38	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.65	5	EPA 8081B Certifications:	06/02/2021 06:38 CTDOH,NELAC-NY10854	06/03/2021 08:38	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.65	5	EPA 8081B Certifications:	06/02/2021 06:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/03/2021 08:38	CM
72-20-8	Endrin	ND		ug/kg dry	1.65	5	EPA 8081B Certifications:	06/02/2021 06:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/03/2021 08:38	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.65	5	EPA 8081B Certifications:	06/02/2021 06:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/03/2021 08:38	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.65	5	EPA 8081B Certifications:	06/02/2021 06:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/03/2021 08:38	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.65	5	EPA 8081B Certifications:	06/02/2021 06:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/03/2021 08:38	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.65	5	EPA 8081B Certifications:	06/02/2021 06:38 NELAC-NY10854,NJDEP	06/03/2021 08:38	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.65	5	EPA 8081B Certifications:	06/02/2021 06:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/03/2021 08:38	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.65	5	EPA 8081B Certifications:	06/02/2021 06:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/03/2021 08:38	CM
72-43-5	Methoxychlor	ND		ug/kg dry	8.26	5	EPA 8081B Certifications:	06/02/2021 06:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/03/2021 08:38	CM
8001-35-2	Toxaphene	ND		ug/kg dry	83.6	5	EPA 8081B Certifications:	06/02/2021 06:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/03/2021 08:38	CM

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*92.2 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*81.6 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0167	1	EPA 8082A Certifications:	06/02/2021 06:38 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/02/2021 16:45	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0167	1	EPA 8082A Certifications:	06/02/2021 06:38 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/02/2021 16:45	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0167	1	EPA 8082A Certifications:	06/02/2021 06:38 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/02/2021 16:45	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0167	1	EPA 8082A Certifications:	06/02/2021 06:38 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/02/2021 16:45	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0167	1	EPA 8082A Certifications:	06/02/2021 06:38 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/02/2021 16:45	BJ

Sample Information

Client Sample ID: WC-CS-Q1-06 10-15' **York Sample ID:** 21F0043-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0043	27-09 40th Avenue, LIC, Queens, NY	Soil	May 28, 2021 12:20 pm	06/01/2021

Polychlorinated Biphenyls (PCB)

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0167	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/02/2021 06:38	06/02/2021 16:45	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0167	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/02/2021 06:38	06/02/2021 16:45	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0167	1	EPA 8082A Certifications:	06/02/2021 06:38	06/02/2021 16:45	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*97.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*79.0 %*	*30-140*

Herbicides, Target List

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

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/kg dry	20.0	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/07/2021 08:10	06/07/2021 17:36	BJ
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	20.0	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/07/2021 08:10	06/07/2021 17:36	BJ
94-75-7	2,4-D	ND		ug/kg dry	20.0	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/07/2021 08:10	06/07/2021 17:36	BJ

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*90.2 %*	*21-150*

NJDEP EPH (Cat. 2 Non-Fractionated)

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

Sample Prepared by Method: EPA 3546 EPH

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total EPH	ND		mg/kg dry	49.4	1	NJDEP EPH Rev 3.0 Certifications: NJDEP	06/02/2021 06:36	06/02/2021 18:10	CD

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*70.8 %*	*31.6-128*
84-15-1	*Surrogate: o-Terphenyl*	*70.1 %*	*28.7-124*

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6300**		mg/kg dry	5.04	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 20:19	06/04/2021 15:52	EM
7440-36-0	Antimony	ND		mg/kg dry	2.52	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 20:19	06/04/2021 15:52	EM

Sample Information

Client Sample ID: **WC-CS-Q1-06 10-15'** **York Sample ID:** **21F0043-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0043	27-09 40th Avenue, LIC, Queens, NY	Soil	May 28, 2021 12:20 pm	06/01/2021

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**2.40**		mg/kg dry	1.51	1	EPA 6010D	06/02/2021 20:19	06/04/2021 15:52	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**38.8**		mg/kg dry	2.52	1	EPA 6010D	06/02/2021 20:19	06/04/2021 15:52	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		mg/kg dry	0.050	1	EPA 6010D	06/02/2021 20:19	06/04/2021 15:52	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/kg dry	0.302	1	EPA 6010D	06/02/2021 20:19	06/04/2021 15:52	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**1410**		mg/kg dry	5.04	1	EPA 6010D	06/02/2021 20:19	06/04/2021 15:52	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**15.9**		mg/kg dry	0.504	1	EPA 6010D	06/02/2021 20:19	06/04/2021 15:52	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**6.12**		mg/kg dry	0.403	1	EPA 6010D	06/02/2021 20:19	06/04/2021 15:52	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**16.0**		mg/kg dry	2.02	1	EPA 6010D	06/02/2021 20:19	06/04/2021 15:52	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**11600**		mg/kg dry	25.2	1	EPA 6010D	06/02/2021 20:19	06/04/2021 15:52	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**13.5**		mg/kg dry	0.504	1	EPA 6010D	06/02/2021 20:19	06/04/2021 15:52	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**2750**		mg/kg dry	5.04	1	EPA 6010D	06/02/2021 20:19	06/04/2021 15:52	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**307**		mg/kg dry	0.504	1	EPA 6010D	06/02/2021 20:19	06/04/2021 15:52	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**12.7**		mg/kg dry	1.01	1	EPA 6010D	06/02/2021 20:19	06/04/2021 15:52	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**1080**	B	mg/kg dry	5.04	1	EPA 6010D	06/02/2021 20:19	06/04/2021 15:52	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	2.52	1	EPA 6010D	06/02/2021 20:19	06/04/2021 15:52	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.504	1	EPA 6010D	06/02/2021 20:19	06/04/2021 15:52	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**96.5**		mg/kg dry	50.4	1	EPA 6010D	06/02/2021 20:19	06/04/2021 15:52	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.52	1	EPA 6010D	06/02/2021 20:19	06/04/2021 15:52	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**17.9**		mg/kg dry	1.01	1	EPA 6010D	06/02/2021 20:19	06/04/2021 15:52	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**30.3**		mg/kg dry	2.52	1	EPA 6010D	06/02/2021 20:19	06/04/2021 15:52	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: WC-CS-Q1-06 10-15' **York Sample ID:** 21F0043-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0043	27-09 40th Avenue, LIC, Queens, NY	Soil	May 28, 2021 12:20 pm	06/01/2021

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0302	1	EPA 7473	06/03/2021 14:06	06/03/2021 18:35	BR
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**99.2**		%	0.100	1	SM 2540G	06/02/2021 11:18	06/02/2021 14:40	SK
							Certifications: CTDOH			

TCLP Extraction for SVOCS/PEST/HERB **Log-in Notes:** **Sample Notes:**

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	06/02/2021 15:51	06/03/2021 12:05	TAJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: WC-CS-Q1-06 15-25' **York Sample ID:** 21F0043-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0043	27-09 40th Avenue, LIC, Queens, NY	Soil	May 28, 2021 12:35 pm	06/01/2021

Semi-Volatiles, TCLP RCRA Target List **Log-in Notes:** **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	3.23	5.00	1	EPA 8270D/1311	06/04/2021 06:00	06/07/2021 16:19	KH
								Certifications: NELAC-NY10854,PADEP			
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	3.61	5.00	1	EPA 8270D/1311	06/04/2021 06:00	06/07/2021 16:19	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	3.27	5.00	1	EPA 8270D/1311	06/04/2021 06:00	06/07/2021 16:19	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.37	5.00	1	EPA 8270D/1311	06/04/2021 06:00	06/07/2021 16:19	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
95-48-7	2-Methylphenol	ND		ug/L	0.857	5.00	1	EPA 8270D/1311	06/04/2021 06:00	06/07/2021 16:19	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
65794-96-9	3- & 4-Methylphenols	ND		ug/L	3.72	10.0	1	EPA 8270D/1311	06/04/2021 06:00	06/07/2021 16:19	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1319-77-3	Cresols, total	ND		ug/L	3.70	15.0	1	EPA 8270D/1311	06/04/2021 06:00	06/07/2021 16:19	KH
								Certifications: CTDOH,NELAC-NY10854			

Sample Information

Client Sample ID: WC-CS-Q1-06 15-25'

York Sample ID: 21F0043-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0043	27-09 40th Avenue, LIC, Queens, NY	Soil	May 28, 2021 12:35 pm	06/01/2021

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-74-1	Hexachlorobenzene	ND		ug/L	2.96	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/04/2021 06:00	06/07/2021 16:19	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	3.31	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/04/2021 06:00	06/07/2021 16:19	KH
67-72-1	Hexachloroethane	ND		ug/L	3.63	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/04/2021 06:00	06/07/2021 16:19	KH
98-95-3	Nitrobenzene	ND		ug/L	1.97	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/04/2021 06:00	06/07/2021 16:19	KH
87-86-5	Pentachlorophenol	ND		ug/L	3.76	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/04/2021 06:00	06/07/2021 16:19	KH
110-86-1	Pyridine	ND		ug/L	3.19	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/04/2021 06:00	06/07/2021 16:19	KH

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*50.2 %*		*10-90.9*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*42.4 %*		*10-69.2*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*60.3 %*		*19.2-141*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*63.5 %*		*24.8-127*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*87.3 %*		*23-163*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*111 %*	S-08	*25.8-110*

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.67	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 06:38	06/03/2021 08:55	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.67	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 06:38	06/03/2021 08:55	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.67	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 06:38	06/03/2021 08:55	CM
309-00-2	Aldrin	ND		ug/kg dry	1.67	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 06:38	06/03/2021 08:55	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.67	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 06:38	06/03/2021 08:55	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.67	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	06/02/2021 06:38	06/03/2021 08:55	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.67	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 06:38	06/03/2021 08:55	CM
57-74-9	Chlordane, total	ND		ug/kg dry	33.5	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 06:38	06/03/2021 08:55	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.67	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 06:38	06/03/2021 08:55	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.67	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 06:38	06/03/2021 08:55	CM

Sample Information

Client Sample ID: WC-CS-Q1-06 15-25' **York Sample ID:** 21F0043-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0043	27-09 40th Avenue, LIC, Queens, NY	Soil	May 28, 2021 12:35 pm	06/01/2021

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
959-98-8	Endosulfan I	ND		ug/kg dry	1.67	5	EPA 8081B Certifications:	06/02/2021 06:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/03/2021 08:55	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.67	5	EPA 8081B Certifications:	06/02/2021 06:38 CTDOH,NELAC-NY10854	06/03/2021 08:55	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.67	5	EPA 8081B Certifications:	06/02/2021 06:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/03/2021 08:55	CM
72-20-8	Endrin	ND		ug/kg dry	1.67	5	EPA 8081B Certifications:	06/02/2021 06:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/03/2021 08:55	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.67	5	EPA 8081B Certifications:	06/02/2021 06:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/03/2021 08:55	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.67	5	EPA 8081B Certifications:	06/02/2021 06:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/03/2021 08:55	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.67	5	EPA 8081B Certifications:	06/02/2021 06:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/03/2021 08:55	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.67	5	EPA 8081B Certifications:	06/02/2021 06:38 NELAC-NY10854,NJDEP	06/03/2021 08:55	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.67	5	EPA 8081B Certifications:	06/02/2021 06:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/03/2021 08:55	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.67	5	EPA 8081B Certifications:	06/02/2021 06:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/03/2021 08:55	CM
72-43-5	Methoxychlor	ND		ug/kg dry	8.36	5	EPA 8081B Certifications:	06/02/2021 06:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/03/2021 08:55	CM
8001-35-2	Toxaphene	ND		ug/kg dry	84.7	5	EPA 8081B Certifications:	06/02/2021 06:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/03/2021 08:55	CM

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*82.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*72.6 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0169	1	EPA 8082A Certifications:	06/02/2021 06:38 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/02/2021 16:59	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0169	1	EPA 8082A Certifications:	06/02/2021 06:38 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/02/2021 16:59	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0169	1	EPA 8082A Certifications:	06/02/2021 06:38 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/02/2021 16:59	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0169	1	EPA 8082A Certifications:	06/02/2021 06:38 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/02/2021 16:59	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0169	1	EPA 8082A Certifications:	06/02/2021 06:38 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/02/2021 16:59	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0169	1	EPA 8082A Certifications:	06/02/2021 06:38 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/02/2021 16:59	BJ

Sample Information

Client Sample ID: WC-CS-Q1-06 15-25' **York Sample ID:** 21F0043-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0043	27-09 40th Avenue, LIC, Queens, NY	Soil	May 28, 2021 12:35 pm	06/01/2021

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0169	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/02/2021 06:38	06/02/2021 16:59	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0169	1	EPA 8082A Certifications:	06/02/2021 06:38	06/02/2021 16:59	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*89.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*74.0 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/kg dry	20.3	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/07/2021 08:10	06/07/2021 17:46	BJ
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	20.3	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/07/2021 08:10	06/07/2021 17:46	BJ
94-75-7	2,4-D	ND		ug/kg dry	20.3	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/07/2021 08:10	06/07/2021 17:46	BJ

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*85.4 %*	*21-150*

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 EPH

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total EPH	ND		mg/kg dry	50.0	1	NJDEP EPH Rev 3.0 Certifications: NJDEP	06/02/2021 06:36	06/03/2021 06:33	CD

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*68.6 %*	*31.6-128*
84-15-1	*Surrogate: o-Terphenyl*	*68.4 %*	*28.7-124*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7530**		mg/kg dry	5.10	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 20:19	06/04/2021 15:56	EM
7440-36-0	Antimony	ND		mg/kg dry	2.55	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 20:19	06/04/2021 15:56	EM
7440-38-2	**Arsenic**	**2.41**		mg/kg dry	1.53	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 20:19	06/04/2021 15:56	EM

Sample Information

Client Sample ID: WC-CS-Q1-06 15-25'

York Sample ID: 21F0043-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0043	27-09 40th Avenue, LIC, Queens, NY	Soil	May 28, 2021 12:35 pm	06/01/2021

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**	**45.5**		mg/kg dry	2.55	1	EPA 6010D	06/02/2021 20:19	06/04/2021 15:56	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.051	1	EPA 6010D	06/02/2021 20:19	06/04/2021 15:56	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.306	1	EPA 6010D	06/02/2021 20:19	06/04/2021 15:56	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**3660**		mg/kg dry	5.10	1	EPA 6010D	06/02/2021 20:19	06/04/2021 15:56	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**19.9**		mg/kg dry	0.510	1	EPA 6010D	06/02/2021 20:19	06/04/2021 15:56	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**7.31**		mg/kg dry	0.408	1	EPA 6010D	06/02/2021 20:19	06/04/2021 15:56	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**18.2**		mg/kg dry	2.04	1	EPA 6010D	06/02/2021 20:19	06/04/2021 15:56	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**14000**		mg/kg dry	25.5	1	EPA 6010D	06/02/2021 20:19	06/04/2021 15:56	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**13.2**		mg/kg dry	0.510	1	EPA 6010D	06/02/2021 20:19	06/04/2021 15:56	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**4430**		mg/kg dry	5.10	1	EPA 6010D	06/02/2021 20:19	06/04/2021 15:56	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**342**		mg/kg dry	0.510	1	EPA 6010D	06/02/2021 20:19	06/04/2021 15:56	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**15.5**		mg/kg dry	1.02	1	EPA 6010D	06/02/2021 20:19	06/04/2021 15:56	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1440**	B	mg/kg dry	5.10	1	EPA 6010D	06/02/2021 20:19	06/04/2021 15:56	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.55	1	EPA 6010D	06/02/2021 20:19	06/04/2021 15:56	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.510	1	EPA 6010D	06/02/2021 20:19	06/04/2021 15:56	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**176**		mg/kg dry	51.0	1	EPA 6010D	06/02/2021 20:19	06/04/2021 15:56	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.55	1	EPA 6010D	06/02/2021 20:19	06/04/2021 15:56	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**22.9**		mg/kg dry	1.02	1	EPA 6010D	06/02/2021 20:19	06/04/2021 15:56	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**50.4**		mg/kg dry	2.55	1	EPA 6010D	06/02/2021 20:19	06/04/2021 15:56	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

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: **WC-CS-Q1-06 15-25'** **York Sample ID:** **21F0043-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21F0043	27-09 40th Avenue, LIC, Queens, NY	Soil	May 28, 2021 12:35 pm	06/01/2021

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**	**0.0323**		mg/kg dry	0.0306	1	EPA 7473	06/03/2021 14:06	06/03/2021 18:44	BR
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**98.0**		%	0.100	1	SM 2540G	06/02/2021 11:18	06/02/2021 14:40	SK
							Certifications: CTDOH			

TCLP Extraction for SVOCS/PEST/HERB

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	06/02/2021 15:51	06/03/2021 12:05	TAJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Analytical Batch Summary

Batch ID: BF10061 **Preparation Method:** EPA 3546 EPH **Prepared By:** S_K

YORK Sample ID	Client Sample ID	Preparation Date
21F0043-10	WC-HF-Q1	06/02/21
21F0043-11	WC-CS-Q1-06 4-10'	06/02/21
21F0043-12	WC-CS-Q1-06 10-15'	06/02/21
21F0043-13	WC-CS-Q1-06 15-25'	06/02/21
BF10061-BLK1	Blank	06/02/21
BF10061-BS1	LCS	06/02/21
BF10061-BSD1	LCS Dup	06/02/21
BF10061-DUP1	Duplicate	06/02/21
BF10061-MS1	Matrix Spike	06/02/21

Batch ID: BF10062 **Preparation Method:** EPA 3550C **Prepared By:** RTH

YORK Sample ID	Client Sample ID	Preparation Date
21F0043-10	WC-HF-Q1	06/02/21
21F0043-10	WC-HF-Q1	06/02/21
21F0043-11	WC-CS-Q1-06 4-10'	06/02/21
21F0043-11	WC-CS-Q1-06 4-10'	06/02/21
21F0043-12	WC-CS-Q1-06 10-15'	06/02/21
21F0043-12	WC-CS-Q1-06 10-15'	06/02/21
21F0043-13	WC-CS-Q1-06 15-25'	06/02/21
21F0043-13	WC-CS-Q1-06 15-25'	06/02/21
BF10062-BLK1	Blank	06/02/21
BF10062-BLK2	Blank	06/02/21
BF10062-BS1	LCS	06/02/21
BF10062-BS2	LCS	06/02/21
BF10062-MS1	Matrix Spike	06/02/21
BF10062-MS2	Matrix Spike	06/02/21
BF10062-MSD1	Matrix Spike Dup	06/02/21
BF10062-MSD2	Matrix Spike Dup	06/02/21

Batch ID: BF10096 **Preparation Method:** % Solids Prep **Prepared By:** SK

YORK Sample ID	Client Sample ID	Preparation Date
21F0043-01	WC-HF-Q1-1 2'	06/02/21
21F0043-02	WC-HF-Q1-2 2'	06/02/21
21F0043-03	WC-HF-Q1-3 2'	06/02/21
21F0043-04	WC-HF-Q1-4 2'	06/02/21
21F0043-05	WC-HF-Q1-5 3'	06/02/21
21F0043-06	WC-CS-Q1 7'	06/02/21
21F0043-07	WC-CS-Q1 13'	06/02/21
21F0043-08	WC-CS-Q1 18'	06/02/21
21F0043-09	WC-CS-Q1 23'	06/02/21
BF10096-DUP1	Duplicate	06/02/21

Batch ID: BF10097 **Preparation Method:** % Solids Prep **Prepared By:** SK

YORK Sample ID	Client Sample ID	Preparation Date
21F0043-10	WC-HF-Q1	06/02/21
21F0043-11	WC-CS-Q1-06 4-10'	06/02/21
21F0043-12	WC-CS-Q1-06 10-15'	06/02/21
21F0043-13	WC-CS-Q1-06 15-25'	06/02/21
BF10097-DUP1	Duplicate	06/02/21

Batch ID: BF10119 **Preparation Method:** EPA SW 846-1311 TCLP ZHE for VO **Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date
21F0043-06	WC-CS-Q1 7'	06/02/21
21F0043-07	WC-CS-Q1 13'	06/02/21
21F0043-09	WC-CS-Q1 23'	06/02/21
21F0043-10	WC-HF-Q1	06/02/21
BF10119-BLK1	Blank	06/02/21

Batch ID: BF10121 **Preparation Method:** EPA SW 846-1311 TCLP extr. for SV(**Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date
21F0043-10	WC-HF-Q1	06/02/21
21F0043-11	WC-CS-Q1-06 4-10'	06/02/21
21F0043-12	WC-CS-Q1-06 10-15'	06/02/21
21F0043-13	WC-CS-Q1-06 15-25'	06/02/21
BF10121-BLK1	Blank	06/02/21

Batch ID: BF10135 **Preparation Method:** EPA 3050B **Prepared By:** BR

YORK Sample ID	Client Sample ID	Preparation Date
21F0043-10	WC-HF-Q1	06/02/21
21F0043-11	WC-CS-Q1-06 4-10'	06/02/21
21F0043-12	WC-CS-Q1-06 10-15'	06/02/21
21F0043-13	WC-CS-Q1-06 15-25'	06/02/21
BF10135-BLK1	Blank	06/02/21
BF10135-DUP1	Duplicate	06/02/21
BF10135-MS1	Matrix Spike	06/02/21
BF10135-PS1	Post Spike	06/02/21
BF10135-SRM1	Reference	06/02/21

Batch ID: BF10196 **Preparation Method:** EPA 7473 soil **Prepared By:** BR

YORK Sample ID	Client Sample ID	Preparation Date
21F0043-10	WC-HF-Q1	06/03/21
21F0043-11	WC-CS-Q1-06 4-10'	06/03/21
21F0043-12	WC-CS-Q1-06 10-15'	06/03/21
21F0043-13	WC-CS-Q1-06 15-25'	06/03/21
BF10196-BLK1	Blank	06/03/21
BF10196-DUP1	Duplicate	06/03/21

BF10196-MS1	Matrix Spike	06/03/21
BF10196-SRM1	Reference	06/03/21

Batch ID: BF10223 **Preparation Method:** EPA 3510C/1311 **Prepared By:** OC

YORK Sample ID	Client Sample ID	Preparation Date
21F0043-10	WC-HF-Q1	06/04/21
21F0043-11	WC-CS-Q1-06 4-10'	06/04/21
21F0043-12	WC-CS-Q1-06 10-15'	06/04/21
21F0043-13	WC-CS-Q1-06 15-25'	06/04/21
BF10223-BLK1	Blank	06/04/21
BF10223-BS1	LCS	06/04/21
BF10223-BSD1	LCS Dup	06/04/21
BF10223-LBK1	Leach Fluid Blank	06/04/21
BF10223-MS1	Matrix Spike	06/04/21

Batch ID: BF10238 **Preparation Method:** EPA 5035A **Prepared By:** YG

YORK Sample ID	Client Sample ID	Preparation Date
21F0043-01	WC-HF-Q1-1 2'	06/04/21
21F0043-02	WC-HF-Q1-2 2'	06/04/21
21F0043-03	WC-HF-Q1-3 2'	06/04/21
21F0043-04	WC-HF-Q1-4 2'	06/04/21
21F0043-05	WC-HF-Q1-5 3'	06/04/21
21F0043-06	WC-CS-Q1 7'	06/04/21
21F0043-07	WC-CS-Q1 13'	06/04/21
21F0043-08	WC-CS-Q1 18'	06/04/21
21F0043-09	WC-CS-Q1 23'	06/04/21
BF10238-BLK1	Blank	06/04/21
BF10238-BLK2	Blank	06/04/21
BF10238-BS1	LCS	06/04/21
BF10238-BSD1	LCS Dup	06/04/21

Batch ID: BF10287 **Preparation Method:** EPA 3550C/8151A **Prepared By:** SJB

YORK Sample ID	Client Sample ID	Preparation Date
21F0043-10	WC-HF-Q1	06/07/21
21F0043-11	WC-CS-Q1-06 4-10'	06/07/21
21F0043-12	WC-CS-Q1-06 10-15'	06/07/21
21F0043-13	WC-CS-Q1-06 15-25'	06/07/21
BF10287-BLK1	Blank	06/07/21
BF10287-BS1	LCS	06/07/21
BF10287-MS1	Matrix Spike	06/07/21
BF10287-MSD1	Matrix Spike Dup	06/07/21

Batch ID: BF10308 **Preparation Method:** EPA 5030B/1311 **Prepared By:** YG

YORK Sample ID	Client Sample ID	Preparation Date
21F0043-06	WC-CS-Q1 7'	06/07/21

21F0043-07	WC-CS-Q1 13'	06/07/21
21F0043-09	WC-CS-Q1 23'	06/07/21
21F0043-10	WC-HF-Q1	06/07/21
BF10308-BLK1	Blank	06/07/21
BF10308-BS1	LCS	06/07/21
BF10308-BSD1	LCS Dup	06/07/21
BF10308-LBK1	Leach Fluid Blank	06/07/21

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 BF10238 - EPA 5035A											
Blank (BF10238-BLK1)											Prepared & Analyzed: 06/04/2021
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2-Butanone	ND	5.0	"								
2-Hexanone	ND	5.0	"								
4-Methyl-2-pentanone	ND	5.0	"								
Acetone	ND	10	"								
Acrolein	ND	10	"								
Acrylonitrile	ND	5.0	"								
Benzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon disulfide	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Cyclohexane	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl acetate	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylcyclohexane	ND	5.0	"								

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 BF10238 - EPA 5035A											
Blank (BF10238-BLK1)											Prepared & Analyzed: 06/04/2021
Methylene chloride	ND	10	ug/kg wet								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butyl alcohol (TBA)	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
trans-1,4-dichloro-2-butene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*52.6*		*ug/L*	*50.0*		*105*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.9*		*"*	*50.0*		*99.8*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.7*		*"*	*50.0*		*103*	*76-130*				
Blank (BF10238-BLK2)											Prepared & Analyzed: 06/04/2021
1,1,1,2-Tetrachloroethane	ND	500	ug/kg wet								
1,1,1-Trichloroethane	ND	500	"								
1,1,2,2-Tetrachloroethane	ND	500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	500	"								
1,1,2-Trichloroethane	ND	500	"								
1,1-Dichloroethane	ND	500	"								
1,1-Dichloroethylene	ND	500	"								
1,2,3-Trichlorobenzene	ND	500	"								
1,2,3-Trichloropropane	ND	500	"								
1,2,4-Trichlorobenzene	ND	500	"								
1,2,4-Trimethylbenzene	ND	500	"								
1,2-Dibromo-3-chloropropane	ND	500	"								
1,2-Dibromoethane	ND	500	"								
1,2-Dichlorobenzene	ND	500	"								
1,2-Dichloroethane	ND	500	"								
1,2-Dichloropropane	ND	500	"								
1,3,5-Trimethylbenzene	ND	500	"								
1,3-Dichlorobenzene	ND	500	"								
1,4-Dichlorobenzene	ND	500	"								
1,4-Dioxane	ND	10000	"								
2-Butanone	ND	500	"								
2-Hexanone	ND	500	"								
4-Methyl-2-pentanone	ND	500	"								
Acetone	ND	1000	"								
Acrolein	ND	1000	"								
Acrylonitrile	ND	500	"								

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 BF10238 - EPA 5035A											
Blank (BF10238-BLK2)											
Prepared & Analyzed: 06/04/2021											
Benzene	ND	500	ug/kg wet								
Bromochloromethane	ND	500	"								
Bromodichloromethane	ND	500	"								
Bromoform	ND	500	"								
Bromomethane	ND	500	"								
Carbon disulfide	ND	500	"								
Carbon tetrachloride	ND	500	"								
Chlorobenzene	ND	500	"								
Chloroethane	ND	500	"								
Chloroform	ND	500	"								
Chloromethane	ND	500	"								
cis-1,2-Dichloroethylene	ND	500	"								
cis-1,3-Dichloropropylene	ND	500	"								
Cyclohexane	ND	500	"								
Dibromochloromethane	ND	500	"								
Dibromomethane	ND	500	"								
Dichlorodifluoromethane	ND	500	"								
Ethyl Benzene	ND	500	"								
Hexachlorobutadiene	ND	500	"								
Isopropylbenzene	ND	500	"								
Methyl acetate	ND	500	"								
Methyl tert-butyl ether (MTBE)	ND	500	"								
Methylcyclohexane	ND	500	"								
Methylene chloride	ND	1000	"								
n-Butylbenzene	ND	500	"								
n-Propylbenzene	ND	500	"								
o-Xylene	ND	500	"								
p- & m- Xylenes	ND	1000	"								
p-Isopropyltoluene	ND	500	"								
sec-Butylbenzene	ND	500	"								
Styrene	ND	500	"								
tert-Butyl alcohol (TBA)	ND	500	"								
tert-Butylbenzene	ND	500	"								
Tetrachloroethylene	ND	500	"								
Toluene	ND	500	"								
trans-1,2-Dichloroethylene	ND	500	"								
trans-1,3-Dichloropropylene	ND	500	"								
trans-1,4-dichloro-2-butene	ND	500	"								
Trichloroethylene	ND	500	"								
Trichlorofluoromethane	ND	500	"								
Vinyl Chloride	ND	500	"								
Xylenes, Total	ND	1500	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*55.3*		*ug/L*	*50.0*		*111*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.3*		*"*	*50.0*		*98.7*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.8*		*"*	*50.0*		*104*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF10238 - EPA 5035A											
LCS (BF10238-BS1)							Prepared & Analyzed: 06/04/2021				
1,1,1,2-Tetrachloroethane	51		ug/L	50.0		102	75-129				
1,1,1-Trichloroethane	54		"	50.0		108	71-137				
1,1,2,2-Tetrachloroethane	50		"	50.0		99.8	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	54		"	50.0		108	58-146				
1,1,2-Trichloroethane	49		"	50.0		97.2	83-123				
1,1-Dichloroethane	47		"	50.0		93.6	75-130				
1,1-Dichloroethylene	56		"	50.0		112	64-137				
1,2,3-Trichlorobenzene	50		"	50.0		99.6	81-140				
1,2,3-Trichloropropane	49		"	50.0		97.6	81-126				
1,2,4-Trichlorobenzene	50		"	50.0		101	80-141				
1,2,4-Trimethylbenzene	49		"	50.0		98.2	84-125				
1,2-Dibromo-3-chloropropane	53		"	50.0		105	74-142				
1,2-Dibromoethane	50		"	50.0		99.4	86-123				
1,2-Dichlorobenzene	48		"	50.0		95.6	85-122				
1,2-Dichloroethane	53		"	50.0		107	71-133				
1,2-Dichloropropane	48		"	50.0		95.6	81-122				
1,3,5-Trimethylbenzene	49		"	50.0		98.4	82-126				
1,3-Dichlorobenzene	48		"	50.0		96.0	84-124				
1,4-Dichlorobenzene	48		"	50.0		96.5	84-124				
1,4-Dioxane	1000		"	1050		98.9	10-228				
2-Butanone	46		"	50.0		91.8	58-147				
2-Hexanone	51		"	50.0		102	70-139				
4-Methyl-2-pentanone	51		"	50.0		102	72-132				
Acetone	35		"	50.0		70.7	36-155				
Acrolein	66		"	50.0		133	10-238				
Acrylonitrile	51		"	50.0		102	66-141				
Benzene	50		"	50.0		101	77-127				
Bromochloromethane	49		"	50.0		98.3	74-129				
Bromodichloromethane	53		"	50.0		106	81-124				
Bromoform	49		"	50.0		98.0	80-136				
Bromomethane	58		"	50.0		117	32-177				
Carbon disulfide	55		"	50.0		111	10-136				
Carbon tetrachloride	55		"	50.0		109	66-143				
Chlorobenzene	49		"	50.0		97.6	86-120				
Chloroethane	60		"	50.0		120	51-142				
Chloroform	51		"	50.0		102	76-131				
Chloromethane	49		"	50.0		97.5	49-132				
cis-1,2-Dichloroethylene	50		"	50.0		99.9	74-132				
cis-1,3-Dichloropropylene	50		"	50.0		101	81-129				
Cyclohexane	49		"	50.0		97.4	70-130				
Dibromochloromethane	50		"	50.0		100	10-200				
Dibromomethane	51		"	50.0		102	83-124				
Dichlorodifluoromethane	54		"	50.0		108	28-158				
Ethyl Benzene	53		"	50.0		107	84-125				
Hexachlorobutadiene	52		"	50.0		104	83-133				
Isopropylbenzene	48		"	50.0		96.2	81-127				
Methyl acetate	43		"	50.0		86.0	41-143				
Methyl tert-butyl ether (MTBE)	48		"	50.0		95.3	74-131				
Methylcyclohexane	45		"	50.0		89.7	70-130				
Methylene chloride	52		"	50.0		104	57-141				

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 BF10238 - EPA 5035A											
LCS (BF10238-BS1)								Prepared & Analyzed: 06/04/2021			
n-Butylbenzene	65		ug/L	50.0		130	80-130				
n-Propylbenzene	49		"	50.0		97.9	74-136				
o-Xylene	52		"	50.0		103	83-123				
p- & m- Xylenes	110		"	100		106	82-128				
p-Isopropyltoluene	50		"	50.0		101	85-125				
sec-Butylbenzene	52		"	50.0		104	83-125				
Styrene	53		"	50.0		106	86-126				
tert-Butyl alcohol (TBA)	250		"	250		99.2	70-130				
tert-Butylbenzene	42		"	50.0		84.8	80-127				
Tetrachloroethylene	42		"	50.0		83.2	80-129				
Toluene	50		"	50.0		100	85-121				
trans-1,2-Dichloroethylene	53		"	50.0		107	72-132				
trans-1,3-Dichloropropylene	51		"	50.0		102	78-132				
trans-1,4-dichloro-2-butene	50		"	50.0		99.1	75-135				
Trichloroethylene	50		"	50.0		99.6	84-123				
Trichlorofluoromethane	58		"	50.0		117	62-140				
Vinyl Chloride	48		"	50.0		96.9	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*53.5*		*"*	*50.0*		*107*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.1*		*"*	*50.0*		*98.2*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.8*		*"*	*50.0*		*97.6*	*76-130*				
LCS Dup (BF10238-BSD1)								Prepared & Analyzed: 06/04/2021			
1,1,1,2-Tetrachloroethane	51		ug/L	50.0		102	75-129		0.196	30	
1,1,1-Trichloroethane	55		"	50.0		110	71-137		2.33	30	
1,1,2,2-Tetrachloroethane	49		"	50.0		98.1	79-129		1.78	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	55		"	50.0		110	58-146		1.30	30	
1,1,2-Trichloroethane	48		"	50.0		95.5	83-123		1.77	30	
1,1-Dichloroethane	49		"	50.0		97.9	75-130		4.57	30	
1,1-Dichloroethylene	57		"	50.0		114	64-137		1.91	30	
1,2,3-Trichlorobenzene	50		"	50.0		99.5	81-140		0.0603	30	
1,2,3-Trichloropropane	49		"	50.0		97.9	81-126		0.368	30	
1,2,4-Trichlorobenzene	50		"	50.0		101	80-141		0.298	30	
1,2,4-Trimethylbenzene	49		"	50.0		97.5	84-125		0.756	30	
1,2-Dibromo-3-chloropropane	50		"	50.0		99.9	74-142		5.17	30	
1,2-Dibromoethane	49		"	50.0		98.4	86-123		0.970	30	
1,2-Dichlorobenzene	48		"	50.0		95.6	85-122		0.00	30	
1,2-Dichloroethane	54		"	50.0		109	71-133		2.19	30	
1,2-Dichloropropane	47		"	50.0		94.6	81-122		1.07	30	
1,3,5-Trimethylbenzene	49		"	50.0		97.2	82-126		1.17	30	
1,3-Dichlorobenzene	47		"	50.0		93.9	84-124		2.19	30	
1,4-Dichlorobenzene	48		"	50.0		95.2	84-124		1.38	30	
1,4-Dioxane	1000		"	1050		96.0	10-228		2.98	30	
2-Butanone	47		"	50.0		93.8	58-147		2.09	30	
2-Hexanone	51		"	50.0		102	70-139		0.236	30	
4-Methyl-2-pentanone	51		"	50.0		102	72-132		0.765	30	
Acetone	36		"	50.0		71.2	36-155		0.705	30	
Acrolein	65		"	50.0		130	10-238		2.24	30	
Acrylonitrile	51		"	50.0		102	66-141		0.687	30	
Benzene	52		"	50.0		104	77-127		2.95	30	
Bromochloromethane	53		"	50.0		105	74-129		7.09	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 BF10238 - EPA 5035A											
LCS Dup (BF10238-BSD1)								Prepared & Analyzed: 06/04/2021			
Bromodichloromethane	52		ug/L	50.0		103	81-124		2.74	30	
Bromoform	50		"	50.0		99.7	80-136		1.78	30	
Bromomethane	60		"	50.0		120	32-177		2.90	30	
Carbon disulfide	57		"	50.0		113	10-136		2.02	30	
Carbon tetrachloride	55		"	50.0		110	66-143		0.892	30	
Chlorobenzene	49		"	50.0		97.4	86-120		0.164	30	
Chloroethane	66		"	50.0		131	51-142		9.16	30	
Chloroform	53		"	50.0		106	76-131		4.26	30	
Chloromethane	51		"	50.0		102	49-132		4.94	30	
cis-1,2-Dichloroethylene	51		"	50.0		102	74-132		1.81	30	
cis-1,3-Dichloropropylene	50		"	50.0		101	81-129		0.258	30	
Cyclohexane	50		"	50.0		99.6	70-130		2.23	30	
Dibromochloromethane	50		"	50.0		100	10-200		0.0399	30	
Dibromomethane	50		"	50.0		99.9	83-124		2.10	30	
Dichlorodifluoromethane	56		"	50.0		113	28-158		4.66	30	
Ethyl Benzene	52		"	50.0		104	84-125		1.99	30	
Hexachlorobutadiene	52		"	50.0		104	83-133		0.712	30	
Isopropylbenzene	48		"	50.0		95.3	81-127		0.898	30	
Methyl acetate	46		"	50.0		91.9	41-143		6.68	30	
Methyl tert-butyl ether (MTBE)	48		"	50.0		95.7	74-131		0.419	30	
Methylcyclohexane	44		"	50.0		88.3	70-130		1.57	30	
Methylene chloride	54		"	50.0		108	57-141		3.64	30	
n-Butylbenzene	64		"	50.0		128	80-130		1.68	30	
n-Propylbenzene	49		"	50.0		98.3	74-136		0.448	30	
o-Xylene	51		"	50.0		102	83-123		1.50	30	
p- & m- Xylenes	100		"	100		104	82-128		1.87	30	
p-Isopropyltoluene	50		"	50.0		99.0	85-125		1.90	30	
sec-Butylbenzene	52		"	50.0		103	83-125		1.06	30	
Styrene	53		"	50.0		105	86-126		0.456	30	
tert-Butyl alcohol (TBA)	260		"	250		103	70-130		3.26	30	
tert-Butylbenzene	42		"	50.0		84.3	80-127		0.615	30	
Tetrachloroethylene	41		"	50.0		82.3	80-129		1.09	30	
Toluene	50		"	50.0		99.6	85-121		0.701	30	
trans-1,2-Dichloroethylene	54		"	50.0		108	72-132		0.912	30	
trans-1,3-Dichloropropylene	51		"	50.0		102	78-132		0.235	30	
trans-1,4-dichloro-2-butene	50		"	50.0		99.9	75-135		0.864	30	
Trichloroethylene	50		"	50.0		99.8	84-123		0.181	30	
Trichlorofluoromethane	60		"	50.0		120	62-140		2.84	30	
Vinyl Chloride	50		"	50.0		100	52-130		3.25	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*54.1*		*"*	*50.0*		*108*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.7*		*"*	*50.0*		*97.4*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*47.9*		*"*	*50.0*		*95.8*	*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 BF10308 - EPA 5030B/1311											
Blank (BF10308-BLK1)											Prepared & Analyzed: 06/07/2021
1,1-Dichloroethylene	ND	5.0	ug/L								
1,2-Dichloroethane	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
2-Butanone	ND	5.0	"								
Benzene	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroform	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*54.1*		*"*	*50.0*		*108*	*77-125*				
Surrogate: SURR: p-Bromofluorobenzene	*47.6*		*"*	*50.0*		*95.3*	*76-130*				
Surrogate: SURR: Toluene-d8	*48.0*		*"*	*50.0*		*95.9*	*85-120*				
LCS (BF10308-BS1)											Prepared & Analyzed: 06/07/2021
1,1-Dichloroethylene	49		ug/L	50.0		97.9	68-134				
1,2-Dichloroethane	53		"	50.0		106	69-133				
1,4-Dichlorobenzene	48		"	50.0		95.9	82-124				
2-Butanone	42		"	50.0		83.9	44-169				
Benzene	50		"	50.0		99.7	72-134				
Carbon tetrachloride	59		"	50.0		118	62-145				
Chlorobenzene	49		"	50.0		97.2	85-119				
Chloroform	54		"	50.0		107	74-131				
Tetrachloroethylene	43		"	50.0		85.9	78-133				
Trichloroethylene	50		"	50.0		100	81-125				
Vinyl Chloride	44		"	50.0		88.8	42-136				
Surrogate: SURR: 1,2-Dichloroethane-d4	*54.3*		*"*	*50.0*		*109*	*77-125*				
Surrogate: SURR: p-Bromofluorobenzene	*48.3*		*"*	*50.0*		*96.5*	*76-130*				
Surrogate: SURR: Toluene-d8	*48.2*		*"*	*50.0*		*96.4*	*85-120*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF10308 - EPA 5030B/1311											
LCS Dup (BF10308-BSD1)								Prepared & Analyzed: 06/07/2021			
1,1-Dichloroethylene	50		ug/L	50.0		101	68-134		2.90	30	
1,2-Dichloroethane	54		"	50.0		107	69-133		0.882	30	
1,4-Dichlorobenzene	49		"	50.0		99.0	82-124		3.20	30	
2-Butanone	43		"	50.0		85.3	44-169		1.65	30	
Benzene	51		"	50.0		101	72-134		1.65	30	
Carbon tetrachloride	61		"	50.0		122	62-145		3.13	30	
Chlorobenzene	50		"	50.0		101	85-119		3.58	30	
Chloroform	54		"	50.0		108	74-131		0.929	30	
Tetrachloroethylene	45		"	50.0		89.0	78-133		3.59	30	
Trichloroethylene	52		"	50.0		103	81-125		3.13	30	
Vinyl Chloride	45		"	50.0		89.5	42-136		0.852	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*53.1*		*"*	*50.0*		*106*	*77-125*				
Surrogate: SURR: p-Bromofluorobenzene	*48.6*		*"*	*50.0*		*97.1*	*76-130*				
Surrogate: SURR: Toluene-d8	*48.6*		*"*	*50.0*		*97.1*	*85-120*				
Leach Fluid Blank (BF10308-LBK1)								Prepared & Analyzed: 06/07/2021			
1,1-Dichloroethylene	ND	50	ug/L								
1,2-Dichloroethane	ND	50	"								
1,4-Dichlorobenzene	ND	50	"								
2-Butanone	ND	50	"								
Benzene	ND	50	"								
Carbon tetrachloride	ND	50	"								
Chlorobenzene	ND	50	"								
Chloroform	ND	50	"								
Tetrachloroethylene	ND	50	"								
Trichloroethylene	ND	50	"								
Vinyl Chloride	ND	50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*53.8*		*"*	*50.0*		*108*	*77-125*				
Surrogate: SURR: p-Bromofluorobenzene	*46.6*		*"*	*50.0*		*93.1*	*76-130*				
Surrogate: SURR: Toluene-d8	*48.0*		*"*	*50.0*		*96.0*	*85-120*				

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 BF10223 - EPA 3510C/1311											
Blank (BF10223-BLK1)									Prepared: 06/04/2021 Analyzed: 06/07/2021		
1,4-Dichlorobenzene	ND	5.00	ug/L								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
3- & 4-Methylphenols	ND	10.0	"								
Cresols, total	ND	15.0	"								
Hexachlorobenzene	ND	5.00	"								
Hexachlorobutadiene	ND	5.00	"								
Hexachloroethane	ND	5.00	"								
Nitrobenzene	ND	5.00	"								
Pentachlorophenol	ND	5.00	"								
Pyridine	ND	5.00	"								
Surrogate: SURR: 2-Fluorophenol	*32.7*		*"*	*50.0*		*65.5*	*10-90.9*				
Surrogate: SURR: Phenol-d5	*24.8*		*"*	*50.0*		*49.6*	*10-69.2*				
Surrogate: SURR: Nitrobenzene-d5	*19.7*		*"*	*25.0*		*78.8*	*19.2-141*				
Surrogate: SURR: 2-Fluorobiphenyl	*20.7*		*"*	*25.0*		*82.6*	*24.8-127*				
Surrogate: SURR: 2,4,6-Tribromophenol	*50.2*		*"*	*50.0*		*100*	*23-163*				
Surrogate: SURR: Terphenyl-d14	*29.0*		*"*	*25.0*		*116*	*25.8-110*				
LCS (BF10223-BS1)									Prepared: 06/04/2021 Analyzed: 06/07/2021		
1,4-Dichlorobenzene	20.3	5.00	ug/L	25.0		81.2	42.7-102				
2,4,5-Trichlorophenol	24.8	5.00	"	25.0		99.2	33-141				
2,4,6-Trichlorophenol	23.9	5.00	"	25.0		95.6	35-138				
2,4-Dinitrotoluene	28.0	5.00	"	25.0		112	38.6-153				
2-Methylphenol	20.8	5.00	"	25.0		83.4	34.7-106				
3- & 4-Methylphenols	18.5	10.0	"	25.0		74.1	30.1-94				
Cresols, total	39.4	15.0	"	50.0		78.8	30.1-106				
Hexachlorobenzene	23.7	5.00	"	25.0		94.7	38.9-109				
Hexachlorobutadiene	20.8	5.00	"	25.0		83.3	24.3-132				
Hexachloroethane	19.9	5.00	"	25.0		79.5	36.7-102				
Nitrobenzene	18.9	5.00	"	25.0		75.5	33.3-122				
Pentachlorophenol	25.1	5.00	"	25.0		100	22.2-137				
Pyridine	18.1	5.00	"	25.2		71.7	14.9-73.5				
Surrogate: SURR: 2-Fluorophenol	*36.0*		*"*	*50.0*		*72.1*	*10-90.9*				
Surrogate: SURR: Phenol-d5	*29.2*		*"*	*50.0*		*58.4*	*10-69.2*				
Surrogate: SURR: Nitrobenzene-d5	*21.2*		*"*	*25.0*		*84.8*	*19.2-141*				
Surrogate: SURR: 2-Fluorobiphenyl	*22.2*		*"*	*25.0*		*88.8*	*24.8-127*				
Surrogate: SURR: 2,4,6-Tribromophenol	*55.6*		*"*	*50.0*		*111*	*23-163*				
Surrogate: SURR: Terphenyl-d14	*32.0*		*"*	*25.0*		*128*	*25.8-110*				

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 BF10223 - EPA 3510C/1311											
LCS Dup (BF10223-BSD1)								Prepared: 06/04/2021 Analyzed: 06/07/2021			
1,4-Dichlorobenzene	16.4	5.00	ug/L	25.0		65.6	42.7-102		21.2	21.2	
2,4,5-Trichlorophenol	23.3	5.00	"	25.0		93.1	33-141		6.41	22.9	
2,4,6-Trichlorophenol	22.1	5.00	"	25.0		88.6	35-138		7.69	23.4	
2,4-Dinitrotoluene	26.7	5.00	"	25.0		107	38.6-153		4.68	24.8	
2-Methylphenol	17.8	5.00	"	25.0		71.0	34.7-106		16.1	25.9	
3- & 4-Methylphenols	16.3	10.0	"	25.0		65.3	30.1-94		12.7	24.9	
Cresols, total	34.1	15.0	"	50.0		68.1	30.1-106		14.5	25.9	
Hexachlorobenzene	21.7	5.00	"	25.0		86.8	38.9-109		8.68	27.1	
Hexachlorobutadiene	17.9	5.00	"	25.0		71.5	24.3-132		15.2	22	
Hexachloroethane	16.6	5.00	"	25.0		66.4	36.7-102		18.0	20.4	
Nitrobenzene	16.4	5.00	"	25.0		65.8	33.3-122		13.8	24.1	
Pentachlorophenol	24.4	5.00	"	25.0		97.5	22.2-137		2.95	36.9	
Pyridine	6.29	5.00	"	25.2		24.9	14.9-73.5		96.9	50	Non-dir.
Surrogate: SURR: 2-Fluorophenol	*29.1*		*"*	*50.0*		*58.3*	*10-90.9*				
Surrogate: SURR: Phenol-d5	*24.1*		*"*	*50.0*		*48.2*	*10-69.2*				
Surrogate: SURR: Nitrobenzene-d5	*18.0*		*"*	*25.0*		*72.1*	*19.2-141*				
Surrogate: SURR: 2-Fluorobiphenyl	*19.8*		*"*	*25.0*		*79.0*	*24.8-127*				
Surrogate: SURR: 2,4,6-Tribromophenol	*52.1*		*"*	*50.0*		*104*	*23-163*				
Surrogate: SURR: Terphenyl-d14	*29.4*		*"*	*25.0*		*118*	*25.8-110*				
Leach Fluid Blank (BF10223-LBK1)								Prepared: 06/04/2021 Analyzed: 06/07/2021			
1,4-Dichlorobenzene	ND	5.00	ug/L								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
3- & 4-Methylphenols	ND	10.0	"								
Cresols, total	ND	15.0	"								
Hexachlorobenzene	ND	5.00	"								
Hexachlorobutadiene	ND	5.00	"								
Hexachloroethane	ND	5.00	"								
Nitrobenzene	ND	5.00	"								
Pentachlorophenol	ND	5.00	"								
Pyridine	ND	5.00	"								
Surrogate: SURR: 2-Fluorophenol	*36.6*		*"*	*50.0*		*73.1*	*10-90.9*				
Surrogate: SURR: Phenol-d5	*29.0*		*"*	*50.0*		*57.9*	*10-69.2*				
Surrogate: SURR: Nitrobenzene-d5	*22.0*		*"*	*25.0*		*88.0*	*19.2-141*				
Surrogate: SURR: 2-Fluorobiphenyl	*22.9*		*"*	*25.0*		*91.5*	*24.8-127*				
Surrogate: SURR: 2,4,6-Tribromophenol	*57.6*		*"*	*50.0*		*115*	*23-163*				
Surrogate: SURR: Terphenyl-d14	*32.3*		*"*	*25.0*		*129*	*25.8-110*				

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 BF10223 - EPA 3510C/1311											
Matrix Spike (BF10223-MS1)	*Source sample: 21F0045-04 (Matrix Spike)							Prepared: 06/04/2021 Analyzed: 06/07/2021			
1,4-Dichlorobenzene	16.3	5.00	ug/L	25.0	ND	65.4	26-95				
2,4,5-Trichlorophenol	22.7	5.00	"	25.0	ND	90.9	44-96				
2,4,6-Trichlorophenol	21.8	5.00	"	25.0	ND	87.0	39-107				
2,4-Dinitrotoluene	26.2	5.00	"	25.0	ND	105	26-120				
2-Methylphenol	18.6	5.00	"	25.0	ND	74.3	10-118				
3- & 4-Methylphenols	16.7	10.0	"	25.0	ND	66.6	10-102				
Cresols, total	35.2	15.0	"	50.0	ND	70.5	30-130				
Hexachlorobenzene	20.4	5.00	"	25.0	ND	81.5	24-120				
Hexachlorobutadiene	18.2	5.00	"	25.0	ND	72.8	26-98				
Hexachloroethane	16.2	5.00	"	25.0	ND	64.9	11-102				
Nitrobenzene	17.3	5.00	"	25.0	ND	69.2	25-107				
Pentachlorophenol	23.8	5.00	"	25.0	ND	95.4	10-181				
Pyridine	18.2	5.00	"	25.2	ND	72.0	10-73				
Surrogate: SURR: 2-Fluorophenol	*30.2*		*"*	*50.0*		*60.5*	*10-90.9*				
Surrogate: SURR: Phenol-d5	*26.5*		*"*	*50.0*		*53.1*	*10-69.2*				
Surrogate: SURR: Nitrobenzene-d5	*18.4*		*"*	*25.0*		*73.6*	*19.2-141*				
Surrogate: SURR: 2-Fluorobiphenyl	*19.1*		*"*	*25.0*		*76.2*	*24.8-127*				
Surrogate: SURR: 2,4,6-Tribromophenol	*47.7*		*"*	*50.0*		*95.5*	*23-163*				
Surrogate: SURR: Terphenyl-d14	*27.4*		*"*	*25.0*		*109*	*25.8-110*				

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 BF10062 - EPA 3550C											
Blank (BF10062-BLK1)											Prepared: 06/02/2021 Analyzed: 06/03/2021
4,4'-DDD	ND	1.64	ug/kg wet								
4,4'-DDE	ND	1.64	"								
4,4'-DDT	ND	1.64	"								
Aldrin	ND	1.64	"								
alpha-BHC	ND	1.64	"								
alpha-Chlordane	ND	1.64	"								
beta-BHC	ND	1.64	"								
Chlordane, total	ND	32.8	"								
delta-BHC	ND	1.64	"								
Dieldrin	ND	1.64	"								
Endosulfan I	ND	1.64	"								
Endosulfan II	ND	1.64	"								
Endosulfan sulfate	ND	1.64	"								
Endrin	ND	1.64	"								
Endrin aldehyde	ND	1.64	"								
Endrin ketone	ND	1.64	"								
gamma-BHC (Lindane)	ND	1.64	"								
gamma-Chlordane	ND	1.64	"								
Heptachlor	ND	1.64	"								
Heptachlor epoxide	ND	1.64	"								
Methoxychlor	ND	8.20	"								
Toxaphene	ND	82.9	"								
Surrogate: Decachlorobiphenyl	*50.9*		*"*	*66.2*		*76.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*41.5*		*"*	*66.2*		*62.6*	*30-150*				
LCS (BF10062-BS1)											Prepared: 06/02/2021 Analyzed: 06/03/2021
4,4'-DDD	21.4	1.64	ug/kg wet	33.1		64.7	40-140				
4,4'-DDE	40.2	1.64	"	33.1		122	40-140				
4,4'-DDT	13.6	1.64	"	33.1		41.0	40-140				
Aldrin	21.2	1.64	"	33.1		64.1	40-140				
alpha-BHC	18.7	1.64	"	33.1		56.4	40-140				
alpha-Chlordane	20.4	1.64	"	33.1		61.5	40-140				
beta-BHC	19.8	1.64	"	33.1		59.8	40-140				
delta-BHC	18.3	1.64	"	33.1		55.3	40-140				
Dieldrin	20.6	1.64	"	33.1		62.3	40-140				
Endosulfan I	41.1	1.64	"	33.1		124	40-140				
Endosulfan II	21.7	1.64	"	33.1		65.5	40-140				
Endosulfan sulfate	20.5	1.64	"	33.1		62.0	40-140				
Endrin	15.7	1.64	"	33.1		47.4	40-140				
Endrin aldehyde	22.2	1.64	"	33.1		66.9	40-140				
Endrin ketone	22.5	1.64	"	33.1		67.9	40-140				
gamma-BHC (Lindane)	18.3	1.64	"	33.1		55.3	40-140				
gamma-Chlordane	20.3	1.64	"	33.1		61.2	40-140				
Heptachlor	20.0	1.64	"	33.1		60.5	40-140				
Heptachlor epoxide	21.0	1.64	"	33.1		63.5	40-140				
Methoxychlor	13.3	8.20	"	33.1		40.3	40-140				
Surrogate: Decachlorobiphenyl	*46.4*		*"*	*66.2*		*70.1*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*38.4*		*"*	*66.2*		*58.0*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF10062 - EPA 3550C											
Matrix Spike (BF10062-MS1)	*Source sample: 21F0045-04 (Matrix Spike)								Prepared: 06/02/2021 Analyzed: 06/03/2021		
4,4'-DDD	38.0	2.04	ug/kg dry	41.1	ND	92.3	30-150				
4,4'-DDE	25.1	2.04	"	41.1	ND	61.0	30-150				
4,4'-DDT	20.8	2.04	"	41.1	ND	50.6	30-150				
Aldrin	44.2	2.04	"	41.1	ND	107	30-150				
alpha-BHC	43.8	2.04	"	41.1	ND	106	30-150				
alpha-Chlordane	36.1	2.04	"	41.1	ND	87.8	30-150				
beta-BHC	45.5	2.04	"	41.1	ND	111	30-150				
delta-BHC	41.6	2.04	"	41.1	ND	101	30-150				
Dieldrin	36.4	2.04	"	41.1	ND	88.5	30-150				
Endosulfan I	46.2	2.04	"	41.1	ND	112	30-150				
Endosulfan II	37.3	2.04	"	41.1	ND	90.6	30-150				
Endosulfan sulfate	36.3	2.04	"	41.1	ND	88.3	30-150				
Endrin	31.8	2.04	"	41.1	ND	77.2	30-150				
Endrin aldehyde	37.3	2.04	"	41.1	ND	90.5	30-150				
Endrin ketone	39.6	2.04	"	41.1	ND	96.3	30-150				
gamma-BHC (Lindane)	42.1	2.04	"	41.1	ND	102	30-150				
gamma-Chlordane	35.9	2.04	"	41.1	ND	87.4	30-150				
Heptachlor	54.8	2.04	"	41.1	ND	133	30-150				
Heptachlor epoxide	37.1	2.04	"	41.1	ND	90.2	30-150				
Methoxychlor	20.6	10.2	"	41.1	ND	50.0	30-150				
Surrogate: Decachlorobiphenyl	*65.4*		*"*	*82.3*		*79.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*68.1*		*"*	*82.3*		*82.8*	*30-150*				
Matrix Spike Dup (BF10062-MSD1)	*Source sample: 21F0045-04 (Matrix Spike Dup)								Prepared: 06/02/2021 Analyzed: 06/03/2021		
4,4'-DDD	37.8	2.04	ug/kg dry	41.1	ND	91.8	30-150		0.603	30	
4,4'-DDE	24.7	2.04	"	41.1	ND	60.1	30-150		1.54	30	
4,4'-DDT	20.4	2.04	"	41.1	ND	49.6	30-150		1.90	30	
Aldrin	44.9	2.04	"	41.1	ND	109	30-150		1.64	30	
alpha-BHC	44.5	2.04	"	41.1	ND	108	30-150		1.78	30	
alpha-Chlordane	36.1	2.04	"	41.1	ND	87.7	30-150		0.125	30	
beta-BHC	44.6	2.04	"	41.1	ND	108	30-150		2.10	30	
delta-BHC	41.2	2.04	"	41.1	ND	100	30-150		0.944	30	
Dieldrin	36.4	2.04	"	41.1	ND	88.5	30-150		0.0282	30	
Endosulfan I	46.6	2.04	"	41.1	ND	113	30-150		1.02	30	
Endosulfan II	37.2	2.04	"	41.1	ND	90.4	30-150		0.232	30	
Endosulfan sulfate	35.9	2.04	"	41.1	ND	87.3	30-150		1.09	30	
Endrin	31.2	2.04	"	41.1	ND	75.7	30-150		1.90	30	
Endrin aldehyde	37.2	2.04	"	41.1	ND	90.3	30-150		0.271	30	
Endrin ketone	39.5	2.04	"	41.1	ND	96.0	30-150		0.364	30	
gamma-BHC (Lindane)	41.9	2.04	"	41.1	ND	102	30-150		0.353	30	
gamma-Chlordane	35.9	2.04	"	41.1	ND	87.2	30-150		0.160	30	
Heptachlor	53.6	2.04	"	41.1	ND	130	30-150		2.17	30	
Heptachlor epoxide	36.8	2.04	"	41.1	ND	89.5	30-150		0.812	30	
Methoxychlor	17.6	10.2	"	41.1	ND	42.8	30-150		15.6	30	
Surrogate: Decachlorobiphenyl	*68.7*		*"*	*82.3*		*83.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*67.2*		*"*	*82.3*		*81.6*	*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 Y1D0212 - BC11630											
Performance Mix (Y1D0212-PEM1)								Prepared & Analyzed: 04/01/2021			
4,4'-DDD	10.7		ng/mL	0.00			0-200				
4,4'-DDE	0.811		"	0.00			0-200				
4,4'-DDT	247		"	200		123	0-200				
Endrin	129		"	100		129	0-200				
Endrin aldehyde	0.667		"	0.00			0-200				
Endrin ketone	2.54		"	0.00			0-200				
Batch Y1F0411 - BE11374											
Performance Mix (Y1F0411-PEM1)								Prepared & Analyzed: 06/03/2021			
4,4'-DDD	11.7		ng/mL	0.00			0-200				
4,4'-DDE	1.34		"	0.00			0-200				
4,4'-DDT	195		"	200		97.3	0-200				
Endrin	107		"	100		107	0-200				
Endrin aldehyde	1.88		"	0.00			0-200				
Endrin ketone	6.20		"	0.00			0-200				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF10062 - EPA 3550C											
Blank (BF10062-BLK2)								Prepared & Analyzed: 06/02/2021			
Aroclor 1016	ND	0.0165	mg/kg wet								
Aroclor 1221	ND	0.0165	"								
Aroclor 1232	ND	0.0165	"								
Aroclor 1242	ND	0.0165	"								
Aroclor 1248	ND	0.0165	"								
Aroclor 1254	ND	0.0165	"								
Aroclor 1260	ND	0.0165	"								
Total PCBs	ND	0.0165	"								
Surrogate: Tetrachloro-m-xylene	*0.0536*		*"*	*0.0662*		*81.0*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0440*		*"*	*0.0662*		*66.5*	*30-140*				
LCS (BF10062-BS2)								Prepared & Analyzed: 06/02/2021			
Aroclor 1016	0.264	0.0165	mg/kg wet	0.331		79.8	40-130				
Aroclor 1260	0.261	0.0165	"	0.331		78.8	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0596*		*"*	*0.0662*		*90.0*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0454*		*"*	*0.0662*		*68.5*	*30-140*				
Matrix Spike (BF10062-MS2)	*Source sample: 21F0045-04 (Matrix Spike)							Prepared & Analyzed: 06/02/2021			
Aroclor 1016	0.260	0.0206	mg/kg dry	0.411	ND	63.3	40-140				
Aroclor 1260	0.291	0.0206	"	0.411	ND	70.8	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0671*		*"*	*0.0823*		*81.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0592*		*"*	*0.0823*		*72.0*	*30-140*				
Matrix Spike Dup (BF10062-MSD2)	*Source sample: 21F0045-04 (Matrix Spike Dup)							Prepared & Analyzed: 06/02/2021			
Aroclor 1016	0.292	0.0206	mg/kg dry	0.411	ND	71.1	40-140		11.6	50	
Aroclor 1260	0.316	0.0206	"	0.411	ND	76.7	40-140		8.00	50	
Surrogate: Tetrachloro-m-xylene	*0.0679*		*"*	*0.0823*		*82.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0535*		*"*	*0.0823*		*65.0*	*30-140*				

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 Y1F0222 - BF10062											
Aroclor Reference (Y1F0222-ARC1)											Prepared & Analyzed: 06/02/2021
Surrogate: Tetrachloro-m-xylene	*0.223*		*ug/mL*	*0.200*		*112*					
Surrogate: Decachlorobiphenyl	*0.198*		*"*	*0.200*		*99.0*					

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 BF10287 - EPA 3550C/8151A											
Blank (BF10287-BLK1)								Prepared & Analyzed: 06/07/2021			
2,4,5-T	ND	20.0	ug/kg wet								
2,4,5-TP (Silvex)	ND	20.0	"								
2,4-D	ND	20.0	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*366*		*"*	*417*		*87.8*	*21-150*				
LCS (BF10287-BS1)								Prepared & Analyzed: 06/07/2021			
2,4,5-T	87.5	20.0	ug/kg wet	133		65.6	10-120				
2,4,5-TP (Silvex)	98.3	20.0	"	133		73.8	10-120				
2,4-D	94.2	20.0	"	133		70.6	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*355*		*"*	*417*		*85.2*	*21-150*				
Matrix Spike (BF10287-MS1)	*Source sample: 21F0112-16 (Matrix Spike)							Prepared & Analyzed: 06/07/2021			
2,4,5-T	70.9	21.0	ug/kg dry	140	ND	50.6	10-120				
2,4,5-TP (Silvex)	75.3	21.0	"	140	ND	53.7	10-120				
2,4-D	76.1	21.0	"	140	ND	54.4	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*356*		*"*	*438*		*81.4*	*21-150*				
Matrix Spike Dup (BF10287-MSD1)	*Source sample: 21F0112-16 (Matrix Spike Dup)							Prepared & Analyzed: 06/07/2021			
2,4,5-T	77.0	21.0	ug/kg dry	140	ND	55.0	10-120		8.28	35	
2,4,5-TP (Silvex)	89.3	21.0	"	140	ND	63.7	10-120		17.0	35	
2,4-D	89.3	21.0	"	140	ND	63.7	10-118		15.9	35	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*387*		*"*	*438*		*88.4*	*21-150*				

Gas Chromatography/Flame Ionization Detector - 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 BF10061 - EPA 3546 EPH											
Blank (BF10061-BLK1)								Prepared & Analyzed: 06/02/2021			
Total EPH	ND	49.5	mg/kg wet								
Surrogate: 1-Chlorooctadecane	*8.70*		"	*9.90*		*87.9*	*31.6-128*				
Surrogate: o-Terphenyl	*8.46*		"	*9.90*		*85.4*	*28.7-124*				
LCS (BF10061-BS1)								Prepared & Analyzed: 06/02/2021			
Total EPH	106	49.5	mg/kg wet	158		67.1	40-140				
Surrogate: 1-Chlorooctadecane	*6.38*		"	*9.90*		*64.5*	*31.6-128*				
Surrogate: o-Terphenyl	*6.52*		"	*9.90*		*65.8*	*28.7-124*				
LCS Dup (BF10061-BSD1)								Prepared & Analyzed: 06/02/2021			
Total EPH	139	49.5	mg/kg wet	158		87.9	40-140		26.9	30	
Surrogate: 1-Chlorooctadecane	*8.65*		"	*9.90*		*87.3*	*31.6-128*				
Surrogate: o-Terphenyl	*8.57*		"	*9.90*		*86.6*	*28.7-124*				
Duplicate (BF10061-DUP1)	*Source sample: 21F0043-11 (WC-CS-Q1-06 4-10')							Prepared & Analyzed: 06/02/2021			
Total EPH	ND	50.4	mg/kg dry		ND					200	
Surrogate: 1-Chlorooctadecane	*7.95*		"	*10.1*		*78.8*	*31.6-128*				
Surrogate: o-Terphenyl	*8.06*		"	*10.1*		*79.9*	*28.7-124*				
Matrix Spike (BF10061-MS1)	*Source sample: 21F0043-11 (WC-CS-Q1-06 4-10')							Prepared: 06/02/2021 Analyzed: 06/03/2021			
Total EPH	105	50.4	mg/kg dry	161	ND	65.3	30-140				
Surrogate: 1-Chlorooctadecane	*6.02*		"	*10.1*		*59.6*	*31.6-128*				
Surrogate: o-Terphenyl	*5.97*		"	*10.1*		*59.2*	*28.7-124*				

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 BF10135 - EPA 3050B											
Blank (BF10135-BLK1)											Prepared: 06/02/2021 Analyzed: 06/04/2021
Aluminum	ND	5.00	mg/kg wet								
Antimony	ND	2.50	"								
Arsenic	ND	1.50	"								
Barium	ND	2.50	"								
Beryllium	ND	0.050	"								
Cadmium	ND	0.300	"								
Calcium	ND	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.400	"								
Copper	ND	2.00	"								
Iron	ND	25.0	"								
Lead	ND	0.500	"								
Magnesium	ND	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	1.00	"								
Potassium	21.2	5.00	"								
Selenium	ND	2.50	"								
Silver	ND	0.500	"								
Sodium	ND	50.0	"								
Thallium	ND	2.50	"								
Vanadium	ND	1.00	"								
Zinc	ND	2.50	"								
Duplicate (BF10135-DUP1)	*Source sample: 21F0112-21 (Duplicate)										Prepared: 06/02/2021 Analyzed: 06/04/2021
Aluminum	6320	5.34	mg/kg dry		5800				8.64	35	
Antimony	ND	2.67	"		ND					35	
Arsenic	2.58	1.60	"		2.72				5.45	35	
Barium	36.7	2.67	"		37.0				0.967	35	
Beryllium	ND	0.053	"		ND					35	
Cadmium	ND	0.321	"		ND					35	
Calcium	9660	5.34	"		7070				31.0	35	
Chromium	8.38	0.534	"		8.33				0.621	35	
Cobalt	3.58	0.428	"		3.49				2.63	35	
Copper	9.79	2.14	"		10.9				10.9	35	
Iron	8440	26.7	"		10100				18.4	35	
Lead	43.9	0.534	"		52.1				17.1	35	
Magnesium	1920	5.34	"		3090				46.5	35	Non-dir.
Manganese	118	0.534	"		117				0.634	35	
Nickel	6.02	1.07	"		6.73				11.2	35	
Potassium	487	5.34	"		465				4.67	35	
Selenium	ND	2.67	"		ND					35	
Silver	ND	0.534	"		ND					35	
Sodium	83.1	53.4	"		69.6				17.8	35	
Thallium	ND	2.67	"		ND					35	
Vanadium	11.7	1.07	"		13.5				13.9	35	
Zinc	43.8	2.67	"		51.2				15.5	35	

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 BF10135 - EPA 3050B											
Matrix Spike (BF10135-MS1)	*Source sample: 21F0112-21 (Matrix Spike)								Prepared: 06/02/2021 Analyzed: 06/04/2021		
Aluminum	6050	5.34	mg/kg dry	214	5800	118	75-125				
Antimony	6.40	2.67	"	26.7	ND	24.0	75-125	Low Bias			
Arsenic	212	1.60	"	214	2.72	97.9	75-125				
Barium	251	2.67	"	214	37.0	100	75-125				
Beryllium	4.72	0.053	"	5.34	ND	88.2	75-125				
Cadmium	5.30	0.321	"	5.34	ND	99.3	75-125				
Calcium	28200	5.34	"	107	7070	NR	75-125	High Bias			
Chromium	29.3	0.534	"	21.4	8.33	98.0	75-125				
Cobalt	56.5	0.428	"	53.4	3.49	99.2	75-125				
Copper	38.5	2.14	"	26.7	10.9	103	75-125				
Iron	9070	26.7	"	107	10100	NR	75-125	Low Bias			
Lead	99.3	0.534	"	53.4	52.1	88.3	75-125				
Magnesium	12100	5.34	"	107	3090	NR	75-125	High Bias			
Manganese	199	0.534	"	53.4	117	152	75-125	High Bias			
Nickel	62.8	1.07	"	53.4	6.73	105	75-125				
Potassium	713	5.34	"	107	465	232	75-125	High Bias			
Selenium	198	2.67	"	214	ND	92.5	75-125				
Silver	1.04	0.534	"	5.34	ND	19.4	75-125	Low Bias			
Sodium	185	53.4	"	107	69.6	108	75-125				
Thallium	206	2.67	"	214	ND	96.3	75-125				
Vanadium	72.0	1.07	"	53.4	13.5	109	75-125				
Zinc	119	2.67	"	53.4	51.2	127	75-125	High Bias			
Post Spike (BF10135-PS1)	*Source sample: 21F0112-21 (Post Spike)								Prepared: 06/02/2021 Analyzed: 06/04/2021		
Aluminum	56.7		ug/mL	2.00	54.3	122	75-125				
Antimony	0.261		"	0.250	-0.009	104	75-125				
Arsenic	2.14		"	2.00	0.025	106	75-125				
Barium	2.49		"	2.00	0.346	107	75-125				
Beryllium	0.049		"	0.0500	-0.004	98.0	75-125				
Cadmium	0.054		"	0.0500	0.002	106	75-125				
Calcium	68.1		"	1.00	66.1	198	75-125	High Bias			
Chromium	0.287		"	0.200	0.078	105	75-125				
Cobalt	0.579		"	0.500	0.033	109	75-125				
Copper	0.360		"	0.250	0.102	103	75-125				
Iron	98.1		"	1.00	94.9	316	75-125	High Bias			
Lead	1.04		"	0.500	0.487	111	75-125				
Magnesium	30.8		"	1.00	28.9	192	75-125	High Bias			
Manganese	1.65		"	0.500	1.10	110	75-125				
Nickel	0.613		"	0.500	0.063	110	75-125				
Potassium	5.48		"	1.00	4.35	113	75-125				
Selenium	1.88		"	2.00	-0.054	94.0	75-125				
Silver	0.040		"	0.0500	-0.012	80.8	75-125				
Sodium	1.62		"	1.00	0.651	97.3	75-125				
Thallium	2.08		"	2.00	-0.015	104	75-125				
Vanadium	0.651		"	0.500	0.126	105	75-125				
Zinc	1.02		"	0.500	0.479	109	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF10135 - EPA 3050B											
Reference (BF10135-SRM1)											Prepared: 06/02/2021 Analyzed: 06/04/2021
Aluminum	8520	5.00	mg/kg wet	8190		104	50.5-150.1				
Antimony	60.2	2.50	"	110		54.7	19-251.7				
Arsenic	155	1.50	"	162		95.9	70.1-129.8				
Barium	134	2.50	"	138		97.2	75-125				
Beryllium	152	0.050	"	157		97.1	75-125.2				
Cadmium	135	0.300	"	135		100	74.8-125.2				
Calcium	4380	5.00	"	4790		91.3	72.7-127.5				
Chromium	111	0.500	"	117		95.3	70.1-129.9				
Cobalt	93.5	0.400	"	92.6		101	75-125				
Copper	135	2.00	"	143		94.4	75.3-125.3				
Iron	13700	25.0	"	15100		90.5	35.8-164.6				
Lead	69.3	0.500	"	77.6		89.3	70-130				
Magnesium	2310	5.00	"	2320		99.4	61.7-137.8				
Manganese	317	0.500	"	319		99.3	78.1-122				
Nickel	86.6	1.00	"	79.9		108	70.1-130.1				
Potassium	2120	5.00	"	2050		103	59.1-140.9				
Selenium	144	2.50	"	172		83.7	55.7-144.5				
Silver	21.8	0.500	"	24.7		88.4	69.2-130.8				
Sodium	134	50.0	"	137		97.5	36.1-163.3				
Thallium	82.2	2.50	"	88.0		93.4	65.3-146.8				
Vanadium	93.3	1.00	"	99.9		93.4	67-133.1				
Zinc	300	2.50	"	312		96.3	69.9-130.1				

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 BF10196 - EPA 7473 soil											
Blank (BF10196-BLK1)								Prepared & Analyzed: 06/03/2021			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BF10196-DUP1)	*Source sample: 21E1290-10 (Duplicate)							Prepared & Analyzed: 06/03/2021			
Mercury	ND	0.0305	mg/kg dry		ND					35	
Matrix Spike (BF10196-MS1)	*Source sample: 21E1290-10 (Matrix Spike)							Prepared & Analyzed: 06/03/2021			
Mercury	0.446		mg/kg	0.500	0.00420	88.5	75-125				
Reference (BF10196-SRM1)								Prepared & Analyzed: 06/03/2021			
Mercury	24.034		mg/kg	27.2		88.4	59.9-140.1				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF10096 - % Solids Prep											
Duplicate (BF10096-DUP1)	*Source sample: 21F0081-02 (Duplicate)								Prepared & Analyzed: 06/02/2021		
% Solids	95.6	0.100	%		95.2				0.414	20	
Batch BF10097 - % Solids Prep											
Duplicate (BF10097-DUP1)	*Source sample: 21F0045-02 (Duplicate)								Prepared & Analyzed: 06/02/2021		
% Solids	84.4	0.100	%		89.4				5.75	20	

Leachate Preparations - 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 BF10119 - EPA SW 846-1311 TCLP ZHE for VOA											
Blank (BF10119-BLK1)									Prepared: 06/02/2021 Analyzed: 06/03/2021		
TCLP Extraction	Completed	1.00	N/A								
Batch BF10121 - EPA SW 846-1311 TCLP extr. for SVOA/PEST/HERBS											
Blank (BF10121-BLK1)									Prepared: 06/02/2021 Analyzed: 06/03/2021		
TCLP Extraction	Completed	1.00	N/A								

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
21F0043-01	WC-HF-Q1-1 2'	40mL Vial with Stir Bar-Cool 4° C
21F0043-02	WC-HF-Q1-2 2'	40mL Vial with Stir Bar-Cool 4° C
21F0043-03	WC-HF-Q1-3 2'	40mL Vial with Stir Bar-Cool 4° C
21F0043-04	WC-HF-Q1-4 2'	40mL Vial with Stir Bar-Cool 4° C
21F0043-05	WC-HF-Q1-5 3'	40mL Vial with Stir Bar-Cool 4° C
21F0043-06	WC-CS-Q1 7'	40mL Vial with Stir Bar-Cool 4° C
21F0043-06	WC-CS-Q1 7'	40mL 01_Clear Vial Cool to 4° C
21F0043-07	WC-CS-Q1 13'	40mL Vial with Stir Bar-Cool 4° C
21F0043-07	WC-CS-Q1 13'	40mL 01_Clear Vial Cool to 4° C
21F0043-08	WC-CS-Q1 18'	40mL Vial with Stir Bar-Cool 4° C
21F0043-09	WC-CS-Q1 23'	40mL Vial with Stir Bar-Cool 4° C
21F0043-09	WC-CS-Q1 23'	40mL 01_Clear Vial Cool to 4° C
21F0043-10	WC-HF-Q1	40mL 01_Clear Vial Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

S-08	The recovery of this surrogate was outside of QC limits.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
M-SPKM	The spike recovery is not within acceptance windows due to sample non-homogeneity, or matrix interference.
M-DUPS	The RPD between the native sample and the duplicate is outside of limits due to sample non-homogeneity
M-CRL	The RL check for this element recovered outside of control limits.
M-CCV1	The recovery for this element in the Continuing Calibration Verification (CCV) exceeded 110% of the expected value. Positive detections may be biased high.
M-BLK	The target analyte was detected above the RL in the batch method blank. All samples showed >10x the concentration in the blank for this analyte. Data are reported.
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.
EXT-EM	The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.
EXT-COMP	Completed
CCV-E	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).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

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

Non-Dir. Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615
132-02 89th Ave, Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record

NOTE: 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. 21F0043

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Laurel Environmental Geosciences	Company:	Company:		RUSH - Next Day
Address: 53 West Hills Rd., Suite #1 Huntington Station, NY	Address: Scott	Address: Kathy	YOUR Project Name: 27-04 40th Avenue, LIC, Queens, NY	RUSH - Two Day
Phone.: (631) 673-0612	Phone.:	Phone.:		RUSH - Three Day
Contact: Scott Yunuck	Contact:	Contact:		RUSH - Four Day
E-mail: labresults@laurelenv.com	E-mail:	E-mail:	YOUR PO#: 19-401.4	Standard (5-7 Day) X

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

Samples Collected by: (print your name above and sign below) Michael Oliver

Matrix Codes	Samples From		Report / EDD Type (circle selections)			YORK Reg. Comp.
S - soil / solid	New York	X	(Summary Report)	CT RCP	Standard Excel EDD	Compared to the following Regulation(s): (please fill in)
GW - groundwater	New Jersey		QA Report	CT RCP DQA/DUE	EQuIS (Standard)	
DW - drinking water	Connecticut		NY ASP A Package	NJDEP Reduced Deliverables	NYSDEC EQuIS	
WW - wastewater	Pennsylvania		NY ASP B Package		NJDEP SRP HazSite	
O - Oil ⋮ Other	Other			NJDKQP	Other:	

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
WC-HF-Q1-1 2'	S	5/28/21 11:15	USEPA Method 8260 for VOCs	(4) 40mL
WC-HF-Q1-2 2'	↓	11:10	↓	↓
WC-HF-Q1-3 2'		11:05		
WC-HF-Q1-4 2'		11:00		
WC-HF-Q1-5 3'		10:55		
WC-CS-Q1 7'		11:40	USEPA Methods 8260 for VOCs & 8260 for TCLP	(4) 40mL, (1) 4oz
WC-CS-Q1 13'		11:45	↓	↓
WC-CS-Q1 18'		11:50	USEPA Method 8260 for VOCs	(4) 40mL
WC-CS-Q1 23'		11:55	USEPA Methods 8260 for VOCs & 8260 for TCLP	(4) 40mL, (1) 4oz
WC-HF-Q1	↓	↓ 11:20	8260 TCLP, 8270 TCLP, 6010/6020, 8082, 8151, 8081, 8015	(2) 8oz, (2) 4oz, (2) 2oz

Comments:

Preservation: (check all that apply)
HCl ___ MeOH X HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___
Ascorbic Acid ___ Other: DI water

Special Instruction
Field Filtered ____
Lab to Filter ____

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
	6/1/21 09:00	Austen Aranes	6/1/21 10:00	Austen Aranes	6/1/21 1502
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 / Temp. Received at Lab
					6/1/21 1502 / 6.0

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615
132-02 89th Ave, Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record

NOTE: 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. 21F0043

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Laurel Environmental Geosciences	Company:	Company:		RUSH - Next Day
Address: 53 West Hills Rd, Suite #1 Huntington Station, NY	Address: Scott	Address: Kathy		RUSH - Two Day
Phone.: (631) 673-0612	Phone.:	Phone.:	YOUR Project Name: 27-09 40th Avenue, LIC, Queens, NY	RUSH - Three Day
Contact: Scott Yanuck	Contact:	Contact:		RUSH - Four Day
E-mail: labresults@laurelenv.com	E-mail:	E-mail:	YOUR PO#: 19-401.4	Standard (5-7 Day) X

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

Samples Collected by: (print your name above and sign below)

Michael Oliver

Matrix Codes	Samples From		Report / EDD Type (circle selections)			YORK Reg. Comp.
S - soil / solid	New York	X	Summary Report	CT RCP	Standard Excel EDD	Compared to the following Regulation(s): (please fill in)
GW - groundwater	New Jersey		QA Report	CT RCP DQA/DUE	EQuIS (Standard)	
DW - drinking water	Connecticut		NY ASP A Package	NJDEP Reduced Deliverables	NYSDEC EQuIS	
WW - wastewater	Pennsylvania		NY ASP B Package		NJDEP SRP HazSite	
O - Oil ⋮ Other	Other			NJDKQP	Other:	

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
WC-CS-Q1-Q6 4-10'	S	5/28/21 12:25	8270 TCLP, 6010/6020, 8082, 8151, 8081, 8015	(2) 8oz, (2) 4oz, (2) 2oz
WC-CS-Q1-Q6 10-15'	↓	12:20	↓	↓
WC-CS-Q1-Q6 15-25'	↓	12:35	↓	↓

Comments:

Preservation: (check all that apply)
HCl ___ MeOH X HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___
Ascorbic Acid ___ Other: DI Water

Special Instruction
Field Filtered ____
Lab to Filter ____

Sample Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
[signature]	6/1/21 09:00	Austen Arances	6/1/21 10:00	Austen Arances	6/1/21 1502
Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temp. Received at Lab
				[signature]	6/1/21 1502 / 6.0

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: 06/08/2021
Client Project ID: 27-09 40th Ave, LIC, Queens, NY
York Project (SDG) No.: 21E1255

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

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: 06/08/2021
Client Project ID: 27-09 40th Ave, LIC, Queens, NY
York Project (SDG) No.: 21E1255

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 May 28, 2021 and listed below. The project was identified as your project: **27-09 40th Ave, LIC, Queens, NY**.

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
21E1255-01	WC-HF-Q2-1 1'	Soil	05/27/2021	05/28/2021
21E1255-02	WC-HF-Q2-2 4'	Soil	05/27/2021	05/28/2021
21E1255-03	WC-HF-Q2-3 4'	Soil	05/27/2021	05/28/2021
21E1255-04	WC-HF-Q2-4 2'	Soil	05/27/2021	05/28/2021
21E1255-05	WC-HF-Q2-5 2'	Soil	05/27/2021	05/28/2021
21E1255-06	WC-CS-Q2 7-9'	Soil	05/27/2021	05/28/2021
21E1255-07	WC-CS-Q2 12-14'	Soil	05/27/2021	05/28/2021
21E1255-08	WC-CS-Q2 19'	Soil	05/27/2021	05/28/2021
21E1255-09	WC-CS-Q2 23'	Soil	05/27/2021	05/28/2021
21E1255-10	WC-PCE-Q2 2'	Soil	05/27/2021	05/28/2021
21E1255-11	WC-PCE-Q2 6'	Soil	05/27/2021	05/28/2021
21E1255-12	WC-PCE-Q2 14'	Soil	05/27/2021	05/28/2021
21E1255-13	WC-PCE-Q2 0-5'	Soil	05/27/2021	05/28/2021
21E1255-14	WC-PCE-Q2&4 5-10'	Soil	05/27/2021	05/28/2021
21E1255-15	WC-PCE-Q2&4 10-15'	Soil	05/27/2021	05/28/2021
21E1255-16	WC-HF-Q5-1 3'	Soil	05/27/2021	05/28/2021
21E1255-17	WC-HF-Q5-2 2'	Soil	05/27/2021	05/28/2021
21E1255-18	WC-HF-Q5-3 4'	Soil	05/27/2021	05/28/2021
21E1255-19	WC-HF-Q5-4 2'	Soil	05/27/2021	05/28/2021
21E1255-20	WC-HF-Q5-5 3'	Soil	05/27/2021	05/28/2021
21E1255-21	WC-CS-Q5 9'	Soil	05/27/2021	05/28/2021
21E1255-22	WC-CS-Q5 12'	Soil	05/27/2021	05/28/2021

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
21E1255-23	WC-CS-Q5 17'	Soil	05/27/2021	05/28/2021
21E1255-24	WC-CS-Q5 23'	Soil	05/27/2021	05/28/2021
21E1255-25	WC-HF-Q6-1 4'	Soil	05/27/2021	05/28/2021
21E1255-26	WC-HF-Q6-2 2'	Soil	05/27/2021	05/28/2021
21E1255-27	WC-HF-Q6-3 2'	Soil	05/27/2021	05/28/2021
21E1255-28	WC-HF-Q6-4 2'	Soil	05/27/2021	05/28/2021
21E1255-29	WC-HF-Q6-5 2'	Soil	05/27/2021	05/28/2021
21E1255-30	WC-CS-Q6 9'	Soil	05/27/2021	05/28/2021
21E1255-31	WC-CS-Q6 13'	Soil	05/27/2021	05/28/2021
21E1255-32	WC-CS-Q6 19'	Soil	05/27/2021	05/28/2021
21E1255-33	WC-CS-Q6 21'	Soil	05/27/2021	05/28/2021
21E1255-34	WC-HF-Q6	Soil	05/27/2021	05/28/2021
21E1255-35	WC-HF-Q5	Soil	05/27/2021	05/28/2021
21E1255-36	WC-HF-Q4	Soil	05/27/2021	05/28/2021
21E1255-37	WC-HF-Q3	Soil	05/27/2021	05/28/2021
21E1255-38	WC-HF-Q2	Soil	05/27/2021	05/28/2021
21E1255-39	WC-PCE-Q5 1'	Soil	05/27/2021	05/28/2021
21E1255-40	WC-PCE-Q6 2'	Soil	05/27/2021	05/28/2021
21E1255-41	WC-PCE-Q2-6 0-5'	Soil	05/27/2021	05/28/2021
21E1255-42	WC-CS-Q5 20'	Soil	05/27/2021	05/28/2021
21E1255-43	SB 301 14'	Soil	05/27/2021	05/28/2021

General Notes for York Project (SDG) No.: 21E1255

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

Approved By: Cassie L. Mosher

Date: 06/08/2021

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: WC-HF-Q2-1 1'

York Sample ID: 21E1255-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 9:40 am	05/28/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	KHA
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:31 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:31 NELAC-NY10854,NELAC-NY12058,NJDEP	KHA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:31 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
123-91-1	1,4-Dioxane	ND		ug/kg dry	57	110	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:31 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
78-93-3	2-Butanone	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
591-78-6	2-Hexanone	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA

Sample Information

Client Sample ID: WC-HF-Q2-1 1'

York Sample ID: 21E1255-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 9:40 am	05/28/2021

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		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
67-64-1	**Acetone**	**41**	CCV-E	ug/kg dry	5.7	11	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
107-02-8	Acrolein	ND		ug/kg dry	5.7	11	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
107-13-1	Acrylonitrile	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
71-43-2	Benzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
74-97-5	Bromochloromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:31 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
75-25-2	Bromoform	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
74-83-9	Bromomethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
75-15-0	Carbon disulfide	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
108-90-7	Chlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
75-00-3	Chloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
67-66-3	Chloroform	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
74-87-3	Chloromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
110-82-7	Cyclohexane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:31 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:31 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
74-95-3	Dibromomethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:31 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:31 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:31 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA

Sample Information

Client Sample ID: WC-HF-Q2-1 1'

York Sample ID: 21E1255-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 9:40 am	05/28/2021

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		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:31	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
79-20-9	Methyl acetate	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:31	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:31	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:31	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	Methylene chloride	ND		ug/kg dry	5.7	11	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:31	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:31	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:31	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-47-6	o-Xylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:31	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.7	11	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:31	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:31	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:31	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-42-5	Styrene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:31	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:31	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:31	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
127-18-4	**Tetrachloroethylene**	**9300**	QL-02	ug/kg dry	320	650	100	EPA 8260C Certifications:	06/03/2021 06:47	06/07/2021 23:55	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-88-3	Toluene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:31	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:31	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:31	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:31	KHA CTDOH
79-01-6	Trichloroethylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:31	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:31	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:31	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.5	17	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:31	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: WC-HF-Q2-1 1' **York Sample ID:** 21E1255-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 9:40 am	05/28/2021

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*	*102 %*			*77-125*						
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.1 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*105 %*			*76-130*						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**87.5**		%	0.100	1	SM 2540G	06/03/2021 14:32	06/03/2021 14:35	LJ
							Certifications: CTDOH			

Sample Information

Client Sample ID: WC-HF-Q2-2 4' **York Sample ID:** 21E1255-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 9:35 am	05/28/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	06/07/2021 11:55	06/08/2021 02:57	KHA
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	06/07/2021 11:55	06/08/2021 02:57	KHA
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	06/07/2021 11:55	06/08/2021 02:57	KHA
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	06/07/2021 11:55	06/08/2021 02:57	KHA
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	06/07/2021 11:55	06/08/2021 02:57	KHA
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	06/07/2021 11:55	06/08/2021 02:57	KHA
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	06/07/2021 11:55	06/08/2021 02:57	KHA
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	06/07/2021 11:55	06/08/2021 02:57	KHA
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	06/07/2021 11:55	06/08/2021 02:57	KHA
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP			

Sample Information

Client Sample ID: WC-HF-Q2-2 4' **York Sample ID:** 21E1255-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 9:35 am	05/28/2021

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
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:57	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:57	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:57	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:57	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:57	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:57	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:57	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:57	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:57	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:57	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
123-91-1	1,4-Dioxane	ND		ug/kg dry	45	89	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:57	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:57	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
591-78-6	2-Hexanone	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:57	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:57	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-64-1	**Acetone**	**22**	CCV-E	ug/kg dry	4.5	8.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:57	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-02-8	Acrolein	ND		ug/kg dry	4.5	8.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:57	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-13-1	Acrylonitrile	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:57	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
71-43-2	Benzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:57	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:57	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:57	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-25-2	Bromoform	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:57	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-83-9	Bromomethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:57	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-15-0	Carbon disulfide	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:57	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: WC-HF-Q2-2 4'

York Sample ID: 21E1255-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 9:35 am	05/28/2021

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
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
108-90-7	Chlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
75-00-3	Chloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
67-66-3	Chloroform	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
74-87-3	Chloromethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
110-82-7	Cyclohexane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:57 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:57 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
74-95-3	Dibromomethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:57 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:57 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:57 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
79-20-9	Methyl acetate	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:57 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:57 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
75-09-2	Methylene chloride	ND		ug/kg dry	4.5	8.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
95-47-6	o-Xylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:57 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	KHA
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.5	8.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:57 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	KHA
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 02:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA

Sample Information

Client Sample ID: WC-HF-Q2-2 4' **York Sample ID:** 21E1255-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 9:35 am	05/28/2021

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
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	06/07/2021 11:55	06/08/2021 02:57	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	06/07/2021 11:55	06/08/2021 02:57	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	06/07/2021 11:55	06/08/2021 02:57	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	06/07/2021 11:55	06/08/2021 02:57	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	**Tetrachloroethylene**	**900**	QL-02	ug/kg dry	250	510	100	EPA 8260C	06/03/2021 06:47	06/08/2021 00:23	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	06/07/2021 11:55	06/08/2021 02:57	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	06/07/2021 11:55	06/08/2021 02:57	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	06/07/2021 11:55	06/08/2021 02:57	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	06/07/2021 11:55	06/08/2021 02:57	KHA
								Certifications:	CTDOH		
79-01-6	Trichloroethylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	06/07/2021 11:55	06/08/2021 02:57	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	06/07/2021 11:55	06/08/2021 02:57	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	06/07/2021 11:55	06/08/2021 02:57	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.7	13	1	EPA 8260C	06/07/2021 11:55	06/08/2021 02:57	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.6 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.2**		%	0.100	1	SM 2540G	06/03/2021 14:32	06/03/2021 14:35	LJ
							Certifications:	CTDOH		

Sample Information

Client Sample ID: WC-HF-Q2-3 4'

York Sample ID: 21E1255-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 9:15 am	05/28/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 03:23	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 03:23	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 03:23	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 03:23	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 03:23	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 03:23	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 03:23	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 03:23	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 03:23	KHA NELAC-NY10854,NELAC-NY12058,NJDEP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 03:23	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 03:23	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 03:23	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 03:23	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 03:23	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 03:23	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 03:23	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 03:23	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 03:23	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 03:23	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
123-91-1	1,4-Dioxane	ND		ug/kg dry	51	100	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 03:23	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 03:23	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
591-78-6	2-Hexanone	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 03:23	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 03:23	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: WC-HF-Q2-3 4'

York Sample ID: 21E1255-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 9:15 am	05/28/2021

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**	**23**	CCV-E	ug/kg dry	5.1	10	1	EPA 8260C	06/07/2021 11:55	06/08/2021 03:23	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/kg dry	5.1	10	1	EPA 8260C	06/07/2021 11:55	06/08/2021 03:23	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/07/2021 11:55	06/08/2021 03:23	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/07/2021 11:55	06/08/2021 03:23	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/07/2021 11:55	06/08/2021 03:23	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/07/2021 11:55	06/08/2021 03:23	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/07/2021 11:55	06/08/2021 03:23	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/07/2021 11:55	06/08/2021 03:23	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/07/2021 11:55	06/08/2021 03:23	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/07/2021 11:55	06/08/2021 03:23	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/07/2021 11:55	06/08/2021 03:23	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/07/2021 11:55	06/08/2021 03:23	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/07/2021 11:55	06/08/2021 03:23	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/07/2021 11:55	06/08/2021 03:23	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/07/2021 11:55	06/08/2021 03:23	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/07/2021 11:55	06/08/2021 03:23	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/07/2021 11:55	06/08/2021 03:23	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/07/2021 11:55	06/08/2021 03:23	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/07/2021 11:55	06/08/2021 03:23	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/07/2021 11:55	06/08/2021 03:23	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/07/2021 11:55	06/08/2021 03:23	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/07/2021 11:55	06/08/2021 03:23	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/07/2021 11:55	06/08/2021 03:23	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: WC-HF-Q2-3 4' **York Sample ID:** 21E1255-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 9:15 am	05/28/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/07/2021 11:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 03:23	KHA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 03:23	KHA
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/07/2021 11:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 03:23	KHA
75-09-2	Methylene chloride	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 03:23	KHA
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 03:23	KHA
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 03:23	KHA
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	06/08/2021 03:23	KHA
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	06/08/2021 03:23	KHA
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 03:23	KHA
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 03:23	KHA
100-42-5	Styrene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 03:23	KHA
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/07/2021 11:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 03:23	KHA
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 03:23	KHA
127-18-4	**Tetrachloroethylene**	**22**	CCV-E	ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 03:23	KHA
108-88-3	Toluene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 03:23	KHA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 03:23	KHA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 03:23	KHA
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH	06/08/2021 03:23	KHA
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 03:23	KHA
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 03:23	KHA
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 03:23	KHA
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.7	15	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	06/08/2021 03:23	KHA

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*77-125*

Sample Information

Client Sample ID: WC-HF-Q2-3 4' **York Sample ID:** 21E1255-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 9:15 am	05/28/2021

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*	*97.2 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*			*76-130*						

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**97.3**		%	0.100	1	SM 2540G	06/03/2021 14:32	06/03/2021 14:35	LJ
							Certifications: CTDOH			

Sample Information

Client Sample ID: WC-HF-Q2-4 2' **York Sample ID:** 21E1255-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 9:30 am	05/28/2021

Volatile Organics, 8260 - Comprehensive

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	06/07/2021 11:55	06/08/2021 03:49	KHA
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	06/07/2021 11:55	06/08/2021 03:49	KHA
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	06/07/2021 11:55	06/08/2021 03:49	KHA
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	06/07/2021 11:55	06/08/2021 03:49	KHA
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	06/07/2021 11:55	06/08/2021 03:49	KHA
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	06/07/2021 11:55	06/08/2021 03:49	KHA
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	06/07/2021 11:55	06/08/2021 03:49	KHA
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	06/07/2021 11:55	06/08/2021 03:49	KHA
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	06/07/2021 11:55	06/08/2021 03:49	KHA
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	06/07/2021 11:55	06/08/2021 03:49	KHA
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			

Sample Information

Client Sample ID: WC-HF-Q2-4 2'

York Sample ID: 21E1255-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 9:30 am	05/28/2021

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		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 03:49	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 03:49	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 03:49	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 03:49	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 03:49	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 03:49	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 03:49	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 03:49	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 03:49	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
123-91-1	1,4-Dioxane	ND		ug/kg dry	78	160	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 03:49	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 03:49	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
591-78-6	2-Hexanone	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 03:49	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 03:49	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-64-1	**Acetone**	**25**	CCV-E	ug/kg dry	7.8	16	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 03:49	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-02-8	Acrolein	ND		ug/kg dry	7.8	16	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 03:49	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-13-1	Acrylonitrile	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 03:49	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
71-43-2	Benzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 03:49	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 03:49	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 03:49	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-25-2	Bromoform	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 03:49	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-83-9	Bromomethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 03:49	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-15-0	Carbon disulfide	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 03:49	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 03:49	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: WC-HF-Q2-4 2'

York Sample ID: 21E1255-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 9:30 am	05/28/2021

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		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 03:49	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-00-3	Chloroethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 03:49	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-66-3	Chloroform	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 03:49	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-87-3	Chloromethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 03:49	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 03:49	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 03:49	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-82-7	Cyclohexane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 03:49	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 03:49	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 03:49	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 03:49	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 03:49	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 03:49	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 03:49	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
79-20-9	Methyl acetate	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 03:49	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 03:49	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-87-2	Methylcyclohexane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 03:49	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	**Methylene chloride**	**14**	J	ug/kg dry	7.8	16	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 03:49	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 03:49	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 03:49	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-47-6	o-Xylene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 03:49	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	7.8	16	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 03:49	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 03:49	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 03:49	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: WC-HF-Q2-4 2' **York Sample ID:** 21E1255-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 9:30 am	05/28/2021

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		ug/kg dry	3.9	7.8	1	EPA 8260C	06/07/2021 11:55	06/08/2021 03:49	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	06/07/2021 11:55	06/08/2021 03:49	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	06/07/2021 11:55	06/08/2021 03:49	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	**Tetrachloroethylene**	**35000**	QL-02	ug/kg dry	940	1900	500	EPA 8260C	06/03/2021 06:47	06/08/2021 00:50	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	06/07/2021 11:55	06/08/2021 03:49	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	06/07/2021 11:55	06/08/2021 03:49	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	06/07/2021 11:55	06/08/2021 03:49	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	06/07/2021 11:55	06/08/2021 03:49	KHA
								Certifications:	CTDOH		
79-01-6	**Trichloroethylene**	**16**		ug/kg dry	3.9	7.8	1	EPA 8260C	06/07/2021 11:55	06/08/2021 03:49	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	06/07/2021 11:55	06/08/2021 03:49	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	06/07/2021 11:55	06/08/2021 03:49	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/kg dry	12	23	1	EPA 8260C	06/07/2021 11:55	06/08/2021 03:49	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**83.3**		%	0.100	1	SM 2540G	06/03/2021 14:32	06/03/2021 14:35	LJ
							Certifications: CTDOH			

Sample Information

Client Sample ID: WC-HF-Q2-5 2'

York Sample ID: 21E1255-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 9:20 am	05/28/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 04:15	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 04:15	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 04:15	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 04:15	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 04:15	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 04:15	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 04:15	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 04:15	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 04:15	KHA NELAC-NY10854,NELAC-NY12058,NJDEP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 04:15	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 04:15	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 04:15	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 04:15	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 04:15	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 04:15	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 04:15	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 04:15	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 04:15	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 04:15	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
123-91-1	1,4-Dioxane	ND		ug/kg dry	54	110	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 04:15	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 04:15	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
591-78-6	2-Hexanone	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 04:15	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 04:15	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: WC-HF-Q2-5 2'

York Sample ID: 21E1255-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 9:20 am	05/28/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	**Acetone**	**8.7**	J, CCV-E	ug/kg dry	5.4	11	1	EPA 8260C	06/07/2021 11:55	06/08/2021 04:15	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/kg dry	5.4	11	1	EPA 8260C	06/07/2021 11:55	06/08/2021 04:15	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	06/07/2021 11:55	06/08/2021 04:15	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	06/07/2021 11:55	06/08/2021 04:15	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	06/07/2021 11:55	06/08/2021 04:15	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	06/07/2021 11:55	06/08/2021 04:15	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	06/07/2021 11:55	06/08/2021 04:15	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	06/07/2021 11:55	06/08/2021 04:15	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	06/07/2021 11:55	06/08/2021 04:15	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	06/07/2021 11:55	06/08/2021 04:15	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	06/07/2021 11:55	06/08/2021 04:15	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	06/07/2021 11:55	06/08/2021 04:15	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	06/07/2021 11:55	06/08/2021 04:15	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	06/07/2021 11:55	06/08/2021 04:15	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	06/07/2021 11:55	06/08/2021 04:15	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	06/07/2021 11:55	06/08/2021 04:15	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	06/07/2021 11:55	06/08/2021 04:15	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	06/07/2021 11:55	06/08/2021 04:15	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	06/07/2021 11:55	06/08/2021 04:15	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	06/07/2021 11:55	06/08/2021 04:15	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	06/07/2021 11:55	06/08/2021 04:15	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	06/07/2021 11:55	06/08/2021 04:15	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	06/07/2021 11:55	06/08/2021 04:15	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: WC-HF-Q2-5 2' **York Sample ID:** 21E1255-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 9:20 am	05/28/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	06/07/2021 11:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 04:15	KHA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 04:15	KHA
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	06/07/2021 11:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 04:15	KHA
75-09-2	**Methylene chloride**	**14**		ug/kg dry	5.4	11	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 04:15	KHA
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 04:15	KHA
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 04:15	KHA
95-47-6	o-Xylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	06/08/2021 04:15	KHA
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	06/08/2021 04:15	KHA
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 04:15	KHA
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 04:15	KHA
100-42-5	Styrene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 04:15	KHA
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	06/07/2021 11:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 04:15	KHA
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 04:15	KHA
127-18-4	**Tetrachloroethylene**	**9600**	QL-02	ug/kg dry	270	540	100	EPA 8260C Certifications:	06/03/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 01:17	MD
108-88-3	Toluene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 04:15	KHA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 04:15	KHA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 04:15	KHA
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH	06/08/2021 04:15	KHA
79-01-6	**Trichloroethylene**	**9.6**		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 04:15	KHA
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 04:15	KHA
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 04:15	KHA
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.1	16	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	06/08/2021 04:15	KHA

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*77-125*

Sample Information

Client Sample ID: WC-HF-Q2-5 2' **York Sample ID:** 21E1255-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 9:20 am	05/28/2021

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*	*98.5 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*			*76-130*						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**84.9**		%	0.100	1	SM 2540G	06/03/2021 14:32	06/03/2021 14:35	LJ
							Certifications: CTDOH			

Sample Information

Client Sample ID: WC-CS-Q2 7-9' **York Sample ID:** 21E1255-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 9:45 am	05/28/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	06/07/2021 11:55	06/08/2021 04:41	KHA
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	06/07/2021 11:55	06/08/2021 04:41	KHA
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	06/07/2021 11:55	06/08/2021 04:41	KHA
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	06/07/2021 11:55	06/08/2021 04:41	KHA
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	06/07/2021 11:55	06/08/2021 04:41	KHA
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	06/07/2021 11:55	06/08/2021 04:41	KHA
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	06/07/2021 11:55	06/08/2021 04:41	KHA
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	06/07/2021 11:55	06/08/2021 04:41	KHA
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	06/07/2021 11:55	06/08/2021 04:41	KHA
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	06/07/2021 11:55	06/08/2021 04:41	KHA
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			

Sample Information

Client Sample ID: WC-CS-Q2 7-9' **York Sample ID:** 21E1255-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 9:45 am	05/28/2021

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		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 04:41 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 04:41 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 04:41 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 04:41 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 04:41 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 04:41 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 04:41 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 04:41 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 04:41 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
123-91-1	1,4-Dioxane	ND		ug/kg dry	50	100	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 04:41 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
78-93-3	2-Butanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 04:41 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
591-78-6	2-Hexanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 04:41 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 04:41 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
67-64-1	Acetone	ND		ug/kg dry	5.0	10	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 04:41 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
107-02-8	Acrolein	ND		ug/kg dry	5.0	10	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 04:41 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
107-13-1	Acrylonitrile	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 04:41 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
71-43-2	Benzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 04:41 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
74-97-5	Bromochloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 04:41 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 04:41 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
75-25-2	Bromoform	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 04:41 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
74-83-9	Bromomethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 04:41 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
75-15-0	Carbon disulfide	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 04:41 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 04:41 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA

Sample Information

Client Sample ID: WC-CS-Q2 7-9'

York Sample ID: 21E1255-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 9:45 am	05/28/2021

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		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 04:41	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-00-3	Chloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 04:41	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-66-3	Chloroform	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 04:41	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-87-3	Chloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 04:41	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 04:41	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 04:41	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-82-7	Cyclohexane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 04:41	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 04:41	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 04:41	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 04:41	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 04:41	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 04:41	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 04:41	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
79-20-9	Methyl acetate	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 04:41	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 04:41	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 04:41	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	**Methylene chloride**	**6.4**	J	ug/kg dry	5.0	10	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 04:41	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 04:41	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 04:41	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-47-6	o-Xylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 04:41	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.0	10	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 04:41	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 04:41	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 04:41	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: WC-CS-Q2 7-9' **York Sample ID:** 21E1255-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 9:45 am	05/28/2021

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		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 11:55	06/08/2021 04:41	KHA
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 11:55	06/08/2021 04:41	KHA
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 11:55	06/08/2021 04:41	KHA
127-18-4	**Tetrachloroethylene**	**1400**	CCV-E	ug/kg dry	280	560	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 11:55	06/08/2021 10:51	KHA
108-88-3	Toluene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 11:55	06/08/2021 04:41	KHA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 11:55	06/08/2021 04:41	KHA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 11:55	06/08/2021 04:41	KHA
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH	06/07/2021 11:55	06/08/2021 04:41	KHA
79-01-6	Trichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 11:55	06/08/2021 04:41	KHA
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 11:55	06/08/2021 04:41	KHA
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 11:55	06/08/2021 04:41	KHA
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	06/07/2021 11:55	06/08/2021 04:41	KHA

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.0 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.8**		%	0.100	1	SM 2540G Certifications: CTDOH	06/03/2021 14:32	06/03/2021 14:35	LJ

Sample Information

Client Sample ID: WC-CS-Q2 12-14' **York Sample ID:** 21E1255-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 9:50 am	05/28/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	KHA
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:07 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:07 NELAC-NY10854,NELAC-NY12058,NJDEP	KHA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:07 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
123-91-1	1,4-Dioxane	ND		ug/kg dry	36	72	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:07 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
78-93-3	**2-Butanone**	**5.5**		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
591-78-6	2-Hexanone	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA

Sample Information

Client Sample ID: WC-CS-Q2 12-14' **York Sample ID:** 21E1255-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 9:50 am	05/28/2021

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**	**20**	CCV-E	ug/kg dry	3.6	7.2	1	EPA 8260C	06/07/2021 11:55	06/08/2021 05:07	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/kg dry	3.6	7.2	1	EPA 8260C	06/07/2021 11:55	06/08/2021 05:07	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	06/07/2021 11:55	06/08/2021 05:07	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	06/07/2021 11:55	06/08/2021 05:07	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	06/07/2021 11:55	06/08/2021 05:07	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	06/07/2021 11:55	06/08/2021 05:07	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	06/07/2021 11:55	06/08/2021 05:07	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	06/07/2021 11:55	06/08/2021 05:07	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	06/07/2021 11:55	06/08/2021 05:07	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	06/07/2021 11:55	06/08/2021 05:07	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	06/07/2021 11:55	06/08/2021 05:07	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	06/07/2021 11:55	06/08/2021 05:07	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	06/07/2021 11:55	06/08/2021 05:07	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	06/07/2021 11:55	06/08/2021 05:07	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	06/07/2021 11:55	06/08/2021 05:07	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	06/07/2021 11:55	06/08/2021 05:07	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	06/07/2021 11:55	06/08/2021 05:07	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	06/07/2021 11:55	06/08/2021 05:07	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	06/07/2021 11:55	06/08/2021 05:07	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	06/07/2021 11:55	06/08/2021 05:07	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	06/07/2021 11:55	06/08/2021 05:07	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	06/07/2021 11:55	06/08/2021 05:07	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	06/07/2021 11:55	06/08/2021 05:07	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: WC-CS-Q2 12-14' **York Sample ID:** 21E1255-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 9:50 am	05/28/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	06/07/2021 11:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 05:07	KHA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 05:07	KHA
108-87-2	Methylcyclohexane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	06/07/2021 11:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 05:07	KHA
75-09-2	Methylene chloride	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 05:07	KHA
104-51-8	n-Butylbenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 05:07	KHA
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 05:07	KHA
95-47-6	o-Xylene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	06/08/2021 05:07	KHA
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	06/08/2021 05:07	KHA
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 05:07	KHA
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 05:07	KHA
100-42-5	Styrene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 05:07	KHA
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	06/07/2021 11:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 05:07	KHA
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 05:07	KHA
127-18-4	**Tetrachloroethylene**	**68**	CCV-E	ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 05:07	KHA
108-88-3	Toluene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 05:07	KHA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 05:07	KHA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 05:07	KHA
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH	06/08/2021 05:07	KHA
79-01-6	Trichloroethylene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 05:07	KHA
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 05:07	KHA
75-01-4	Vinyl Chloride	ND		ug/kg dry	1.8	3.6	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 05:07	KHA
1330-20-7	Xylenes, Total	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	06/08/2021 05:07	KHA

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*107 %*	*77-125*

Sample Information

Client Sample ID: WC-CS-Q2 12-14' **York Sample ID:** 21E1255-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 9:50 am	05/28/2021

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*	*97.0 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.2 %*			*76-130*						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**94.2**		%	0.100	1	SM 2540G	06/03/2021 14:32	06/03/2021 14:35	LJ
							Certifications: CTDOH			

Sample Information

Client Sample ID: WC-CS-Q2 19' **York Sample ID:** 21E1255-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 9:52 am	05/28/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	06/07/2021 11:55	06/08/2021 05:33	KHA
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	06/07/2021 11:55	06/08/2021 05:33	KHA
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	06/07/2021 11:55	06/08/2021 05:33	KHA
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	06/07/2021 11:55	06/08/2021 05:33	KHA
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	06/07/2021 11:55	06/08/2021 05:33	KHA
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	06/07/2021 11:55	06/08/2021 05:33	KHA
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	06/07/2021 11:55	06/08/2021 05:33	KHA
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	06/07/2021 11:55	06/08/2021 05:33	KHA
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	06/07/2021 11:55	06/08/2021 05:33	KHA
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	06/07/2021 11:55	06/08/2021 05:33	KHA
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			

Sample Information

Client Sample ID: WC-CS-Q2 19'

York Sample ID: 21E1255-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 9:52 am	05/28/2021

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		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:33	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:33	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:33	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:33	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:33	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:33	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:33	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:33	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:33	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
123-91-1	1,4-Dioxane	ND		ug/kg dry	49	98	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:33	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	**2-Butanone**	**3.2**	J	ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:33	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
591-78-6	2-Hexanone	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:33	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:33	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-64-1	**Acetone**	**12**	CCV-E	ug/kg dry	4.9	9.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:33	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-02-8	Acrolein	ND		ug/kg dry	4.9	9.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:33	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-13-1	Acrylonitrile	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:33	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
71-43-2	Benzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:33	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:33	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:33	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-25-2	Bromoform	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:33	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-83-9	Bromomethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:33	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-15-0	Carbon disulfide	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:33	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:33	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: WC-CS-Q2 19' **York Sample ID:** 21E1255-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 9:52 am	05/28/2021

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		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:33	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-00-3	Chloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:33	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-66-3	Chloroform	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:33	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-87-3	Chloromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:33	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:33	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:33	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-82-7	Cyclohexane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:33	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:33	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:33	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:33	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:33	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:33	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:33	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
79-20-9	Methyl acetate	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:33	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:33	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:33	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	Methylene chloride	ND		ug/kg dry	4.9	9.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:33	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:33	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:33	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-47-6	o-Xylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:33	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.9	9.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:33	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:33	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:33	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: WC-CS-Q2 19' **York Sample ID:** 21E1255-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 9:52 am	05/28/2021

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		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 11:55	06/08/2021 05:33	KHA
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 11:55	06/08/2021 05:33	KHA
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 11:55	06/08/2021 05:33	KHA
127-18-4	**Tetrachloroethylene**	**49**	CCV-E	ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 11:55	06/08/2021 05:33	KHA
108-88-3	Toluene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 11:55	06/08/2021 05:33	KHA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 11:55	06/08/2021 05:33	KHA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 11:55	06/08/2021 05:33	KHA
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH	06/07/2021 11:55	06/08/2021 05:33	KHA
79-01-6	Trichloroethylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 11:55	06/08/2021 05:33	KHA
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 11:55	06/08/2021 05:33	KHA
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 11:55	06/08/2021 05:33	KHA
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.3	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	06/07/2021 11:55	06/08/2021 05:33	KHA

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*108 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.9 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.4 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**94.5**		%	0.100	1	SM 2540G Certifications: CTDOH	06/03/2021 14:32	06/03/2021 14:35	LJ

Sample Information

Client Sample ID: WC-CS-Q2 23' **York Sample ID:** 21E1255-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 9:55 am	05/28/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:59 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:59 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:59 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:59 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	KHA
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:59 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:59 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:59 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:59 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:59 NELAC-NY10854,NELAC-NY12058,NJDEP	KHA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:59 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:59 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:59 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:59 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:59 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:59 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:59 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:59 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:59 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:59 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
123-91-1	1,4-Dioxane	ND		ug/kg dry	43	86	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:59 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
78-93-3	2-Butanone	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:59 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
591-78-6	2-Hexanone	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:59 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 05:59 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA

Sample Information

Client Sample ID: WC-CS-Q2 23'

York Sample ID: 21E1255-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 9:55 am	05/28/2021

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**	**19**	CCV-E	ug/kg dry	4.3	8.6	1	EPA 8260C	06/07/2021 11:55	06/08/2021 05:59	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/kg dry	4.3	8.6	1	EPA 8260C	06/07/2021 11:55	06/08/2021 05:59	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	06/07/2021 11:55	06/08/2021 05:59	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	06/07/2021 11:55	06/08/2021 05:59	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	06/07/2021 11:55	06/08/2021 05:59	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	06/07/2021 11:55	06/08/2021 05:59	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	06/07/2021 11:55	06/08/2021 05:59	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	06/07/2021 11:55	06/08/2021 05:59	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	06/07/2021 11:55	06/08/2021 05:59	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	06/07/2021 11:55	06/08/2021 05:59	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	06/07/2021 11:55	06/08/2021 05:59	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	06/07/2021 11:55	06/08/2021 05:59	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	06/07/2021 11:55	06/08/2021 05:59	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	06/07/2021 11:55	06/08/2021 05:59	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	06/07/2021 11:55	06/08/2021 05:59	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	06/07/2021 11:55	06/08/2021 05:59	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	06/07/2021 11:55	06/08/2021 05:59	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	06/07/2021 11:55	06/08/2021 05:59	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	06/07/2021 11:55	06/08/2021 05:59	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	06/07/2021 11:55	06/08/2021 05:59	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	06/07/2021 11:55	06/08/2021 05:59	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	06/07/2021 11:55	06/08/2021 05:59	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	06/07/2021 11:55	06/08/2021 05:59	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: WC-CS-Q2 23' **York Sample ID:** 21E1255-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 9:55 am	05/28/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications:	06/07/2021 11:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 05:59	KHA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 05:59	KHA
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications:	06/07/2021 11:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 05:59	KHA
75-09-2	Methylene chloride	ND		ug/kg dry	4.3	8.6	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 05:59	KHA
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 05:59	KHA
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 05:59	KHA
95-47-6	o-Xylene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	06/08/2021 05:59	KHA
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.3	8.6	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	06/08/2021 05:59	KHA
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 05:59	KHA
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 05:59	KHA
100-42-5	Styrene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 05:59	KHA
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications:	06/07/2021 11:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 05:59	KHA
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 05:59	KHA
127-18-4	**Tetrachloroethylene**	**55**	CCV-E	ug/kg dry	2.2	4.3	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 05:59	KHA
108-88-3	Toluene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 05:59	KHA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 05:59	KHA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 05:59	KHA
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH	06/08/2021 05:59	KHA
79-01-6	Trichloroethylene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 05:59	KHA
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 05:59	KHA
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 05:59	KHA
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.5	13	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	06/08/2021 05:59	KHA

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*110 %*	*77-125*

Sample Information

Client Sample ID: WC-CS-Q2 23' **York Sample ID:** 21E1255-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 9:55 am	05/28/2021

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*	*96.4 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.9 %*			*76-130*						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**98.1**		%	0.100	1	SM 2540G	06/03/2021 14:32	06/03/2021 14:35	LJ
							Certifications: CTDOH			

Sample Information

Client Sample ID: WC-PCE-Q2 2' **York Sample ID:** 21E1255-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 10:10 am	05/28/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	06/07/2021 11:55	06/08/2021 06:25	KHA
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	06/07/2021 11:55	06/08/2021 06:25	KHA
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	06/07/2021 11:55	06/08/2021 06:25	KHA
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	06/07/2021 11:55	06/08/2021 06:25	KHA
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	06/07/2021 11:55	06/08/2021 06:25	KHA
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	06/07/2021 11:55	06/08/2021 06:25	KHA
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	06/07/2021 11:55	06/08/2021 06:25	KHA
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	06/07/2021 11:55	06/08/2021 06:25	KHA
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	06/07/2021 11:55	06/08/2021 06:25	KHA
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	06/07/2021 11:55	06/08/2021 06:25	KHA
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			

Sample Information

Client Sample ID: WC-PCE-Q2 2'

York Sample ID: 21E1255-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 10:10 am	05/28/2021

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		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 06:25	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 06:25	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 06:25	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 06:25	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 06:25	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 06:25	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 06:25	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 06:25	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 06:25	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
123-91-1	1,4-Dioxane	ND		ug/kg dry	56	110	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 06:25	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	**2-Butanone**	**19**		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 06:25	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
591-78-6	2-Hexanone	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 06:25	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 06:25	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-64-1	**Acetone**	**180**	CCV-E	ug/kg dry	5.6	11	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 06:25	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-02-8	Acrolein	ND		ug/kg dry	5.6	11	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 06:25	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-13-1	Acrylonitrile	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 06:25	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
71-43-2	Benzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 06:25	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 06:25	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 06:25	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-25-2	Bromoform	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 06:25	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-83-9	Bromomethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 06:25	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-15-0	Carbon disulfide	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 06:25	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 06:25	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: WC-PCE-Q2 2'

York Sample ID: 21E1255-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 10:10 am	05/28/2021

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		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 06:25	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-00-3	Chloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 06:25	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-66-3	Chloroform	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 06:25	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-87-3	Chloromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 06:25	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 06:25	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 06:25	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-82-7	Cyclohexane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 06:25	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 06:25	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 06:25	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 06:25	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 06:25	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 06:25	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 06:25	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
79-20-9	**Methyl acetate**	**5.3**	J	ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 06:25	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 06:25	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 06:25	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	Methylene chloride	ND		ug/kg dry	5.6	11	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 06:25	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 06:25	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 06:25	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-47-6	o-Xylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 06:25	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.6	11	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 06:25	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 06:25	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 06:25	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: WC-PCE-Q2 2'

York Sample ID: 21E1255-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 10:10 am	05/28/2021

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		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 11:55	06/08/2021 06:25	KHA
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 11:55	06/08/2021 06:25	KHA
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 11:55	06/08/2021 06:25	KHA
127-18-4	**Tetrachloroethylene**	**68000**	Cal-E	ug/kg dry	1300	2700	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/05/2021 06:47	06/05/2021 20:08	LLJ
108-88-3	Toluene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 11:55	06/08/2021 06:25	KHA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 11:55	06/08/2021 06:25	KHA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 11:55	06/08/2021 06:25	KHA
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH	06/07/2021 11:55	06/08/2021 06:25	KHA
79-01-6	**Trichloroethylene**	**26**		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 11:55	06/08/2021 06:25	KHA
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 11:55	06/08/2021 06:25	KHA
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 11:55	06/08/2021 06:25	KHA
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.4	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	06/07/2021 11:55	06/08/2021 06:25	KHA

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.5 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.5**		%	0.100	1	SM 2540G Certifications: CTDOH	06/03/2021 14:32	06/03/2021 14:35	LJ

Sample Information

Client Sample ID: **WC-PCE-Q2 6'** **York Sample ID:** **21E1255-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 10:15 am	05/28/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	06/07/2021 11:55	06/08/2021 06:51	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	06/07/2021 11:55	06/08/2021 06:51	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	06/07/2021 11:55	06/08/2021 06:51	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	06/07/2021 11:55	06/08/2021 06:51	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	**1,1,2-Trichloroethane**	**4.4**	J	ug/kg dry	2.7	5.4	1	EPA 8260C	06/07/2021 11:55	06/08/2021 06:51	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	06/07/2021 11:55	06/08/2021 06:51	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	06/07/2021 11:55	06/08/2021 06:51	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	06/07/2021 11:55	06/08/2021 06:51	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	06/07/2021 11:55	06/08/2021 06:51	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	06/07/2021 11:55	06/08/2021 06:51	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	06/07/2021 11:55	06/08/2021 06:51	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	06/07/2021 11:55	06/08/2021 06:51	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	06/07/2021 11:55	06/08/2021 06:51	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	06/07/2021 11:55	06/08/2021 06:51	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	06/07/2021 11:55	06/08/2021 06:51	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	06/07/2021 11:55	06/08/2021 06:51	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	06/07/2021 11:55	06/08/2021 06:51	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	06/07/2021 11:55	06/08/2021 06:51	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	06/07/2021 11:55	06/08/2021 06:51	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/kg dry	54	110	1	EPA 8260C	06/07/2021 11:55	06/08/2021 06:51	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	**2-Butanone**	**13**		ug/kg dry	2.7	5.4	1	EPA 8260C	06/07/2021 11:55	06/08/2021 06:51	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
591-78-6	2-Hexanone	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	06/07/2021 11:55	06/08/2021 06:51	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	06/07/2021 11:55	06/08/2021 06:51	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: WC-PCE-Q2 6'

York Sample ID: 21E1255-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 10:15 am	05/28/2021

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**	**99**	CCV-E	ug/kg dry	5.4	11	1	EPA 8260C	06/07/2021 11:55	06/08/2021 06:51	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/kg dry	5.4	11	1	EPA 8260C	06/07/2021 11:55	06/08/2021 06:51	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	06/07/2021 11:55	06/08/2021 06:51	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	06/07/2021 11:55	06/08/2021 06:51	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	06/07/2021 11:55	06/08/2021 06:51	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	06/07/2021 11:55	06/08/2021 06:51	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	06/07/2021 11:55	06/08/2021 06:51	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	06/07/2021 11:55	06/08/2021 06:51	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	06/07/2021 11:55	06/08/2021 06:51	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	06/07/2021 11:55	06/08/2021 06:51	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	06/07/2021 11:55	06/08/2021 06:51	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	06/07/2021 11:55	06/08/2021 06:51	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	06/07/2021 11:55	06/08/2021 06:51	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	06/07/2021 11:55	06/08/2021 06:51	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	06/07/2021 11:55	06/08/2021 06:51	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	06/07/2021 11:55	06/08/2021 06:51	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	06/07/2021 11:55	06/08/2021 06:51	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	06/07/2021 11:55	06/08/2021 06:51	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	06/07/2021 11:55	06/08/2021 06:51	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	06/07/2021 11:55	06/08/2021 06:51	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	06/07/2021 11:55	06/08/2021 06:51	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	06/07/2021 11:55	06/08/2021 06:51	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	06/07/2021 11:55	06/08/2021 06:51	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: WC-PCE-Q2 6' **York Sample ID:** 21E1255-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 10:15 am	05/28/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	06/07/2021 11:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 06:51	KHA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 06:51	KHA
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	06/07/2021 11:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 06:51	KHA
75-09-2	Methylene chloride	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 06:51	KHA
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 06:51	KHA
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 06:51	KHA
95-47-6	o-Xylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	06/08/2021 06:51	KHA
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	06/08/2021 06:51	KHA
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 06:51	KHA
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 06:51	KHA
100-42-5	Styrene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 06:51	KHA
75-65-0	**tert-Butyl alcohol (TBA)**	**2.9**	CCV-E, QL-02, J	ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	06/07/2021 11:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 06:51	KHA
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 06:51	KHA
127-18-4	**Tetrachloroethylene**	**50000**	Cal-E	ug/kg dry	1700	3300	500	EPA 8260C Certifications:	06/05/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/05/2021 21:01	LLJ
108-88-3	Toluene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 06:51	KHA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 06:51	KHA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 06:51	KHA
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH	06/08/2021 06:51	KHA
79-01-6	**Trichloroethylene**	**3.2**	J	ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 06:51	KHA
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 06:51	KHA
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 06:51	KHA
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.1	16	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	06/08/2021 06:51	KHA

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: WC-PCE-Q2 6' **York Sample ID:** 21E1255-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 10:15 am	05/28/2021

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*	*108 %*			*77-125*						
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.4 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*			*76-130*						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.8**		%	0.100	1	SM 2540G	06/03/2021 14:32	06/03/2021 14:35	LJ
							Certifications: CTDOH			

Sample Information

Client Sample ID: WC-PCE-Q2 14' **York Sample ID:** 21E1255-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 10:20 am	05/28/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C	06/07/2021 11:55	06/08/2021 07:17	KHA
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C	06/07/2021 11:55	06/08/2021 07:17	KHA
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C	06/07/2021 11:55	06/08/2021 07:17	KHA
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.1	6.2	1	EPA 8260C	06/07/2021 11:55	06/08/2021 07:17	KHA
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C	06/07/2021 11:55	06/08/2021 07:17	KHA
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C	06/07/2021 11:55	06/08/2021 07:17	KHA
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C	06/07/2021 11:55	06/08/2021 07:17	KHA
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C	06/07/2021 11:55	06/08/2021 07:17	KHA
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C	06/07/2021 11:55	06/08/2021 07:17	KHA
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP			

Sample Information

Client Sample ID: WC-PCE-Q2 14'

York Sample ID: 21E1255-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 10:20 am	05/28/2021

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
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:17	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:17	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:17	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:17	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:17	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:17	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:17	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:17	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:17	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:17	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
123-91-1	1,4-Dioxane	ND		ug/kg dry	62	120	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:17	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	**2-Butanone**	**4.4**	J	ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:17	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
591-78-6	2-Hexanone	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:17	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:17	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-64-1	**Acetone**	**19**	CCV-E	ug/kg dry	6.2	12	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:17	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-02-8	Acrolein	ND		ug/kg dry	6.2	12	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:17	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-13-1	Acrylonitrile	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:17	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
71-43-2	Benzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:17	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:17	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:17	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-25-2	Bromoform	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:17	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-83-9	Bromomethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:17	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-15-0	Carbon disulfide	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:17	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: WC-PCE-Q2 14'

York Sample ID: 21E1255-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 10:20 am	05/28/2021

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
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
108-90-7	Chlorobenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
75-00-3	Chloroethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
67-66-3	Chloroform	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
74-87-3	Chloromethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
110-82-7	Cyclohexane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:17 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:17 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
74-95-3	Dibromomethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:17 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:17 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:17 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
79-20-9	Methyl acetate	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:17 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
108-87-2	Methylcyclohexane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:17 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
75-09-2	Methylene chloride	ND		ug/kg dry	6.2	12	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
95-47-6	o-Xylene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:17 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	KHA
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.2	12	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:17 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	KHA
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA

Sample Information

Client Sample ID: WC-PCE-Q2 14' **York Sample ID:** 21E1255-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 10:20 am	05/28/2021

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
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 11:55	06/08/2021 07:17	KHA
100-42-5	Styrene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 11:55	06/08/2021 07:17	KHA
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 11:55	06/08/2021 07:17	KHA
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 11:55	06/08/2021 07:17	KHA
127-18-4	**Tetrachloroethylene**	**36**	CCV-E	ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 11:55	06/08/2021 07:17	KHA
108-88-3	Toluene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 11:55	06/08/2021 07:17	KHA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 11:55	06/08/2021 07:17	KHA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 11:55	06/08/2021 07:17	KHA
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH	06/07/2021 11:55	06/08/2021 07:17	KHA
79-01-6	Trichloroethylene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 11:55	06/08/2021 07:17	KHA
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 11:55	06/08/2021 07:17	KHA
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 11:55	06/08/2021 07:17	KHA
1330-20-7	Xylenes, Total	ND		ug/kg dry	9.3	19	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	06/07/2021 11:55	06/08/2021 07:17	KHA

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.2 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.3 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**93.4**		%	0.100	1	SM 2540G Certifications: CTDOH	06/03/2021 14:32	06/03/2021 14:35	LJ

Sample Information

Client Sample ID: WC-PCE-Q2 0-5' **York Sample ID:** 21E1255-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 10:25 am	05/28/2021

Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311	06/04/2021 09:00	06/04/2021 14:00	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
107-06-2	1,2-Dichloroethane	ND		ug/L	25	50	10	EPA 8260C/1311	06/04/2021 09:00	06/04/2021 14:00	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
106-46-7	1,4-Dichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311	06/04/2021 09:00	06/04/2021 14:00	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
78-93-3	2-Butanone	ND		ug/L	25	50	10	EPA 8260C/1311	06/04/2021 09:00	06/04/2021 14:00	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
71-43-2	Benzene	ND		ug/L	25	50	10	EPA 8260C/1311	06/04/2021 09:00	06/04/2021 14:00	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
56-23-5	Carbon tetrachloride	ND		ug/L	25	50	10	EPA 8260C/1311	06/04/2021 09:00	06/04/2021 14:00	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
108-90-7	Chlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311	06/04/2021 09:00	06/04/2021 14:00	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
67-66-3	Chloroform	ND		ug/L	25	50	10	EPA 8260C/1311	06/04/2021 09:00	06/04/2021 14:00	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
127-18-4	**Tetrachloroethylene**	**33**	J	ug/L	25	50	10	EPA 8260C/1311	06/04/2021 09:00	06/04/2021 14:00	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
79-01-6	Trichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311	06/04/2021 09:00	06/04/2021 14:00	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
75-01-4	Vinyl Chloride	ND		ug/L	25	50	10	EPA 8260C/1311	06/04/2021 09:00	06/04/2021 14:00	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*109 %*	*77-125*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*76-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.0 %*	*85-120*

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	6.45	10.0	1	EPA 8270D/1311	06/02/2021 12:47	06/03/2021 17:57	KH
								Certifications: NELAC-NY10854,PADEP			
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	7.22	10.0	1	EPA 8270D/1311	06/02/2021 12:47	06/03/2021 17:57	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	6.54	10.0	1	EPA 8270D/1311	06/02/2021 12:47	06/03/2021 17:57	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
121-14-2	2,4-Dinitrotoluene	ND		ug/L	4.73	10.0	1	EPA 8270D/1311	06/02/2021 12:47	06/03/2021 17:57	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
95-48-7	2-Methylphenol	ND		ug/L	1.71	10.0	1	EPA 8270D/1311	06/02/2021 12:47	06/03/2021 17:57	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: WC-PCE-Q2 0-5' **York Sample ID:** 21E1255-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 10:25 am	05/28/2021

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		ug/L	7.43	20.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 12:47	06/03/2021 17:57	KH
1319-77-3	Cresols, total	ND		ug/L	7.40	30.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854	06/02/2021 12:47	06/03/2021 17:57	KH
118-74-1	Hexachlorobenzene	ND		ug/L	5.91	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 12:47	06/03/2021 17:57	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	6.62	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 12:47	06/03/2021 17:57	KH
67-72-1	Hexachloroethane	ND		ug/L	7.26	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 12:47	06/03/2021 17:57	KH
98-95-3	Nitrobenzene	ND		ug/L	3.93	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 12:47	06/03/2021 17:57	KH
87-86-5	Pentachlorophenol	ND		ug/L	7.53	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 12:47	06/03/2021 17:57	KH
110-86-1	Pyridine	ND		ug/L	6.37	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 12:47	06/03/2021 17:57	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*45.0 %*	*10-90.9*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*32.8 %*	*10-69.2*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*60.2 %*	*19.2-141*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*58.8 %*	*24.8-127*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*77.7 %*	*23-163*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*82.6 %*	*25.8-110*

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 13:18	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 13:18	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 13:18	CM
309-00-2	Aldrin	ND		ug/kg dry	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 13:18	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 13:18	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.79	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	06/01/2021 07:23	06/02/2021 13:18	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 13:18	CM
57-74-9	Chlordane, total	ND		ug/kg dry	35.7	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 13:18	CM

Sample Information

Client Sample ID: WC-PCE-Q2 0-5' **York Sample ID:** 21E1255-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 10:25 am	05/28/2021

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		ug/kg dry	1.79	5	EPA 8081B Certifications:	06/01/2021 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 13:18	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.79	5	EPA 8081B Certifications:	06/01/2021 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 13:18	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.79	5	EPA 8081B Certifications:	06/01/2021 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 13:18	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.79	5	EPA 8081B Certifications:	06/01/2021 07:23 CTDOH,NELAC-NY10854	06/02/2021 13:18	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.79	5	EPA 8081B Certifications:	06/01/2021 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 13:18	CM
72-20-8	Endrin	ND		ug/kg dry	1.79	5	EPA 8081B Certifications:	06/01/2021 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 13:18	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.79	5	EPA 8081B Certifications:	06/01/2021 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 13:18	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.79	5	EPA 8081B Certifications:	06/01/2021 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 13:18	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.79	5	EPA 8081B Certifications:	06/01/2021 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 13:18	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.79	5	EPA 8081B Certifications:	06/01/2021 07:23 NELAC-NY10854,NJDEP	06/02/2021 13:18	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.79	5	EPA 8081B Certifications:	06/01/2021 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 13:18	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.79	5	EPA 8081B Certifications:	06/01/2021 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 13:18	CM
72-43-5	Methoxychlor	ND		ug/kg dry	8.94	5	EPA 8081B Certifications:	06/01/2021 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 13:18	CM
8001-35-2	Toxaphene	ND		ug/kg dry	90.4	5	EPA 8081B Certifications:	06/01/2021 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 13:18	CM

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*70.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*75.8 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications:	06/01/2021 07:23 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/01/2021 16:41	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications:	06/01/2021 07:23 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/01/2021 16:41	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications:	06/01/2021 07:23 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/01/2021 16:41	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications:	06/01/2021 07:23 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/01/2021 16:41	BJ

Sample Information

Client Sample ID: WC-PCE-Q2 0-5' **York Sample ID:** 21E1255-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 10:25 am	05/28/2021

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/01/2021 07:23	06/01/2021 16:41	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/01/2021 07:23	06/01/2021 16:41	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/01/2021 07:23	06/01/2021 16:41	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications:	06/01/2021 07:23	06/01/2021 16:41	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*75.0 %*	*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		ug/kg dry	21.7	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 06:29	06/02/2021 16:44	BJ
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	21.7	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 06:29	06/02/2021 16:44	BJ
94-75-7	2,4-D	ND		ug/kg dry	21.7	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 06:29	06/02/2021 16:44	BJ

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*109 %*	*21-150*

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 EPH

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total EPH	ND		mg/kg dry	53.4	1	NJDEP EPH Rev 3.0 Certifications: NJDEP	06/02/2021 06:36	06/03/2021 09:21	CD

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*70.3 %*	*31.6-128*
84-15-1	*Surrogate: o-Terphenyl*	*67.4 %*	*28.7-124*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**17200**	B	mg/kg dry	5.45	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 11:35	06/03/2021 11:31	EM

Sample Information

Client Sample ID: **WC-PCE-Q2 0-5'** **York Sample ID:** **21E1255-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 10:25 am	05/28/2021

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/kg dry	2.73	1	EPA 6010D Certifications:	06/01/2021 11:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/03/2021 11:31	EM
7440-38-2	**Arsenic**	**5.74**		mg/kg dry	1.64	1	EPA 6010D Certifications:	06/01/2021 11:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/03/2021 11:31	EM
7440-39-3	**Barium**	**115**		mg/kg dry	2.73	1	EPA 6010D Certifications:	06/01/2021 11:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/03/2021 11:31	EM
7440-41-7	Beryllium	ND		mg/kg dry	0.055	1	EPA 6010D Certifications:	06/01/2021 11:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/03/2021 11:31	EM
7440-43-9	**Cadmium**	**0.507**		mg/kg dry	0.327	1	EPA 6010D Certifications:	06/01/2021 11:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/03/2021 11:31	EM
7440-70-2	**Calcium**	**1640**	B	mg/kg dry	5.45	1	EPA 6010D Certifications:	06/01/2021 11:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/03/2021 11:31	EM
7440-47-3	**Chromium**	**20.8**		mg/kg dry	0.545	1	EPA 6010D Certifications:	06/01/2021 11:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/03/2021 11:31	EM
7440-48-4	**Cobalt**	**7.71**		mg/kg dry	0.436	1	EPA 6010D Certifications:	06/01/2021 11:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/03/2021 11:31	EM
7440-50-8	**Copper**	**33.7**		mg/kg dry	2.18	1	EPA 6010D Certifications:	06/01/2021 11:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/03/2021 11:31	EM
7439-89-6	**Iron**	**17400**		mg/kg dry	27.3	1	EPA 6010D Certifications:	06/01/2021 11:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/03/2021 11:31	EM
7439-92-1	**Lead**	**163**		mg/kg dry	0.545	1	EPA 6010D Certifications:	06/01/2021 11:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/03/2021 11:31	EM
7439-95-4	**Magnesium**	**2360**	B	mg/kg dry	5.45	1	EPA 6010D Certifications:	06/01/2021 11:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/03/2021 11:31	EM
7439-96-5	**Manganese**	**441**		mg/kg dry	0.545	1	EPA 6010D Certifications:	06/01/2021 11:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/03/2021 11:31	EM
7440-02-0	Nickel	ND		mg/kg dry	1.09	1	EPA 6010D Certifications:	06/01/2021 11:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/03/2021 11:31	EM
7440-09-7	**Potassium**	**2460**		mg/kg dry	5.45	1	EPA 6010D Certifications:	06/01/2021 11:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/03/2021 11:31	EM
7782-49-2	Selenium	ND		mg/kg dry	2.73	1	EPA 6010D Certifications:	06/01/2021 11:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/03/2021 11:31	EM
7440-22-4	Silver	ND		mg/kg dry	0.545	1	EPA 6010D Certifications:	06/01/2021 11:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/03/2021 11:31	EM
7440-23-5	**Sodium**	**158**	B	mg/kg dry	54.5	1	EPA 6010D Certifications:	06/01/2021 11:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/03/2021 11:31	EM
7440-28-0	Thallium	ND		mg/kg dry	2.73	1	EPA 6010D Certifications:	06/01/2021 11:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/03/2021 11:31	EM
7440-62-2	**Vanadium**	**25.6**		mg/kg dry	1.09	1	EPA 6010D Certifications:	06/01/2021 11:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/03/2021 11:31	EM
7440-66-6	**Zinc**	**116**		mg/kg dry	2.73	1	EPA 6010D Certifications:	06/01/2021 11:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/03/2021 11:31	EM

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: WC-PCE-Q2 0-5' **York Sample ID:** 21E1255-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 10:25 am	05/28/2021

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**	**0.187**		mg/kg dry	0.0327	1	EPA 7473	06/02/2021 08:42	06/02/2021 15:31	BR
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

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**	**91.7**		%	0.100	1	SM 2540G	06/01/2021 10:19	06/01/2021 18:03	ALH
							Certifications: CTDOH			

TCLP Extraction for SVOCS/PEST/HERB **Log-in Notes:** **Sample Notes:** EXT-Temp

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	06/01/2021 14:20	06/02/2021 11:31	TAJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

TCLP Extraction for VOA by EPA 1311 ZHE **Log-in Notes:** **Sample Notes:** EXT-Temp

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	06/01/2021 14:37	06/02/2021 12:56	TAJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: WC-PCE-Q2&4 5-10' **York Sample ID:** 21E1255-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 10:27 am	05/28/2021

Volatile Organics, TCLP RCRA List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311	06/02/2021 12:30	06/03/2021 00:53	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
107-06-2	1,2-Dichloroethane	ND		ug/L	25	50	10	EPA 8260C/1311	06/02/2021 12:30	06/03/2021 00:53	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
106-46-7	1,4-Dichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311	06/02/2021 12:30	06/03/2021 00:53	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			

Sample Information

Client Sample ID: WC-PCE-Q2&4 5-10'

York Sample ID: 21E1255-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 10:27 am	05/28/2021

Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/L	25	50	10	EPA 8260C/1311	06/02/2021 12:30	06/03/2021 00:53	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
71-43-2	Benzene	ND		ug/L	25	50	10	EPA 8260C/1311	06/02/2021 12:30	06/03/2021 00:53	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
56-23-5	Carbon tetrachloride	ND		ug/L	25	50	10	EPA 8260C/1311	06/02/2021 12:30	06/03/2021 00:53	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
108-90-7	Chlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311	06/02/2021 12:30	06/03/2021 00:53	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
67-66-3	Chloroform	ND		ug/L	25	50	10	EPA 8260C/1311	06/02/2021 12:30	06/03/2021 00:53	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
127-18-4	Tetrachloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311	06/02/2021 12:30	06/03/2021 00:53	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
79-01-6	Trichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311	06/02/2021 12:30	06/03/2021 00:53	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
75-01-4	Vinyl Chloride	ND		ug/L	25	50	10	EPA 8260C/1311	06/02/2021 12:30	06/03/2021 00:53	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*77-125*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.0 %*	*76-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.2 %*	*85-120*

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	6.45	10.0	1	EPA 8270D/1311	06/02/2021 12:47	06/03/2021 18:27	KH
								Certifications: NELAC-NY10854,PADEP			
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	7.22	10.0	1	EPA 8270D/1311	06/02/2021 12:47	06/03/2021 18:27	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	6.54	10.0	1	EPA 8270D/1311	06/02/2021 12:47	06/03/2021 18:27	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
121-14-2	2,4-Dinitrotoluene	ND		ug/L	4.73	10.0	1	EPA 8270D/1311	06/02/2021 12:47	06/03/2021 18:27	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
95-48-7	2-Methylphenol	ND		ug/L	1.71	10.0	1	EPA 8270D/1311	06/02/2021 12:47	06/03/2021 18:27	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
65794-96-9	3- & 4-Methylphenols	ND		ug/L	7.43	20.0	1	EPA 8270D/1311	06/02/2021 12:47	06/03/2021 18:27	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1319-77-3	Cresols, total	ND		ug/L	7.40	30.0	1	EPA 8270D/1311	06/02/2021 12:47	06/03/2021 18:27	KH
								Certifications: CTDOH,NELAC-NY10854			
118-74-1	Hexachlorobenzene	ND		ug/L	5.91	10.0	1	EPA 8270D/1311	06/02/2021 12:47	06/03/2021 18:27	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	6.62	10.0	1	EPA 8270D/1311	06/02/2021 12:47	06/03/2021 18:27	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: WC-PCE-Q2&4 5-10'

York Sample ID: 21E1255-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 10:27 am	05/28/2021

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-72-1	Hexachloroethane	ND		ug/L	7.26	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 12:47	06/03/2021 18:27	KH
98-95-3	Nitrobenzene	ND		ug/L	3.93	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 12:47	06/03/2021 18:27	KH
87-86-5	Pentachlorophenol	ND		ug/L	7.53	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 12:47	06/03/2021 18:27	KH
110-86-1	Pyridine	ND		ug/L	6.37	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 12:47	06/03/2021 18:27	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*48.4 %*	*10-90.9*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*36.5 %*	*10-69.2*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*74.4 %*	*19.2-141*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*68.9 %*	*24.8-127*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*91.8 %*	*23-163*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*97.9 %*	*25.8-110*

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.71	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 13:35	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.71	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 13:35	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.71	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 13:35	CM
309-00-2	Aldrin	ND		ug/kg dry	1.71	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 13:35	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.71	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 13:35	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.71	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	06/01/2021 07:23	06/02/2021 13:35	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.71	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 13:35	CM
57-74-9	Chlordane, total	ND		ug/kg dry	34.3	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 13:35	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.71	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 13:35	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.71	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 13:35	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.71	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 13:35	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.71	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	06/01/2021 07:23	06/02/2021 13:35	CM

Sample Information

Client Sample ID: WC-PCE-Q2&4 5-10' **York Sample ID:** 21E1255-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 10:27 am	05/28/2021

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
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.71	5	EPA 8081B Certifications:	06/01/2021 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 13:35	CM
72-20-8	Endrin	ND		ug/kg dry	1.71	5	EPA 8081B Certifications:	06/01/2021 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 13:35	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.71	5	EPA 8081B Certifications:	06/01/2021 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 13:35	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.71	5	EPA 8081B Certifications:	06/01/2021 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 13:35	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.71	5	EPA 8081B Certifications:	06/01/2021 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 13:35	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.71	5	EPA 8081B Certifications:	06/01/2021 07:23 NELAC-NY10854,NJDEP	06/02/2021 13:35	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.71	5	EPA 8081B Certifications:	06/01/2021 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 13:35	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.71	5	EPA 8081B Certifications:	06/01/2021 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 13:35	CM
72-43-5	Methoxychlor	ND		ug/kg dry	8.56	5	EPA 8081B Certifications:	06/01/2021 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 13:35	CM
8001-35-2	Toxaphene	ND		ug/kg dry	86.7	5	EPA 8081B Certifications:	06/01/2021 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 13:35	CM

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*82.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*88.7 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0173	1	EPA 8082A Certifications:	06/01/2021 07:23 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/01/2021 16:54	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0173	1	EPA 8082A Certifications:	06/01/2021 07:23 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/01/2021 16:54	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0173	1	EPA 8082A Certifications:	06/01/2021 07:23 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/01/2021 16:54	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0173	1	EPA 8082A Certifications:	06/01/2021 07:23 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/01/2021 16:54	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0173	1	EPA 8082A Certifications:	06/01/2021 07:23 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/01/2021 16:54	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0173	1	EPA 8082A Certifications:	06/01/2021 07:23 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/01/2021 16:54	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0173	1	EPA 8082A Certifications:	06/01/2021 07:23 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/01/2021 16:54	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0173	1	EPA 8082A Certifications:	06/01/2021 07:23	06/01/2021 16:54	BJ

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: WC-PCE-Q2&4 5-10'

York Sample ID: 21E1255-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 10:27 am	05/28/2021

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*83.5 %*			*30-140*					
2051-24-3	*Surrogate: Decachlorobiphenyl*	*66.5 %*			*30-140*					

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/kg dry	20.6	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 06:29	06/02/2021 17:30	BJ
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	20.6	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 06:29	06/02/2021 17:30	BJ
94-75-7	2,4-D	ND		ug/kg dry	20.6	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 06:29	06/02/2021 17:30	BJ

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*112 %*	*21-150*

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 EPH

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total EPH	ND		mg/kg dry	51.2	1	NJDEP EPH Rev 3.0 Certifications: NJDEP	06/02/2021 06:36	06/03/2021 09:21	CD

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*67.9 %*	*31.6-128*
84-15-1	*Surrogate: o-Terphenyl*	*70.4 %*	*28.7-124*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**9920**	B	mg/kg dry	5.23	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 11:35	06/03/2021 11:34	EM
7440-36-0	Antimony	ND		mg/kg dry	2.61	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 11:35	06/03/2021 11:34	EM
7440-38-2	**Arsenic**	**2.30**		mg/kg dry	1.57	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 11:35	06/03/2021 11:34	EM
7440-39-3	**Barium**	**54.7**		mg/kg dry	2.61	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 11:35	06/03/2021 11:34	EM
7440-41-7	Beryllium	ND		mg/kg dry	0.052	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 11:35	06/03/2021 11:34	EM

Sample Information

Client Sample ID: WC-PCE-Q2&4 5-10'

York Sample ID: 21E1255-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 10:27 am	05/28/2021

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-43-9	Cadmium	ND		mg/kg dry	0.314	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:34	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**1570**	B	mg/kg dry	5.23	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:34	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**14.9**		mg/kg dry	0.523	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:34	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**6.00**		mg/kg dry	0.418	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:34	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**14.2**		mg/kg dry	2.09	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:34	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**12700**		mg/kg dry	26.1	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:34	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**140**		mg/kg dry	0.523	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:34	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**2050**	B	mg/kg dry	5.23	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:34	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**360**		mg/kg dry	0.523	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:34	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	Nickel	ND		mg/kg dry	1.05	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:34	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**2170**		mg/kg dry	5.23	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:34	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	2.61	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:34	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.523	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:34	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**124**	B	mg/kg dry	52.3	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:34	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.61	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:34	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**17.3**		mg/kg dry	1.05	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:34	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**52.7**		mg/kg dry	2.61	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:34	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

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**	**0.128**		mg/kg dry	0.0314	1	EPA 7473	06/02/2021 08:42	06/02/2021 15:40	BR
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: WC-PCE-Q2&4 5-10' **York Sample ID:** 21E1255-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 10:27 am	05/28/2021

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**95.7**		%	0.100	1	SM 2540G	06/01/2021 10:19	06/01/2021 18:03	ALH
							Certifications: CTDOH			

TCLP Extraction for SVOCS/PEST/HERB **Log-in Notes:** **Sample Notes:** EXT-Temp

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	06/01/2021 14:20	06/02/2021 11:31	TAJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

TCLP Extraction for VOA by EPA 1311 ZHE **Log-in Notes:** **Sample Notes:** EXT-Temp

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	06/01/2021 14:37	06/02/2021 12:56	TAJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: WC-PCE-Q2&4 10-15' **York Sample ID:** 21E1255-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 10:30 am	05/28/2021

Volatile Organics, TCLP RCRA List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311	06/02/2021 12:30	06/03/2021 01:19	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
107-06-2	1,2-Dichloroethane	ND		ug/L	25	50	10	EPA 8260C/1311	06/02/2021 12:30	06/03/2021 01:19	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
106-46-7	1,4-Dichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311	06/02/2021 12:30	06/03/2021 01:19	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
78-93-3	2-Butanone	ND		ug/L	25	50	10	EPA 8260C/1311	06/02/2021 12:30	06/03/2021 01:19	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
71-43-2	Benzene	ND		ug/L	25	50	10	EPA 8260C/1311	06/02/2021 12:30	06/03/2021 01:19	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
56-23-5	Carbon tetrachloride	ND		ug/L	25	50	10	EPA 8260C/1311	06/02/2021 12:30	06/03/2021 01:19	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
108-90-7	Chlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311	06/02/2021 12:30	06/03/2021 01:19	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			

Sample Information

Client Sample ID: WC-PCE-Q2&4 10-15'

York Sample ID: 21E1255-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 10:30 am	05/28/2021

Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-66-3	Chloroform	ND		ug/L	25	50	10	EPA 8260C/1311	06/02/2021 12:30	06/03/2021 01:19	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
127-18-4	Tetrachloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311	06/02/2021 12:30	06/03/2021 01:19	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
79-01-6	Trichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311	06/02/2021 12:30	06/03/2021 01:19	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
75-01-4	Vinyl Chloride	ND		ug/L	25	50	10	EPA 8260C/1311	06/02/2021 12:30	06/03/2021 01:19	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*100 %*	*77-125*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*95.9 %*	*76-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.9 %*	*85-120*

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	6.45	10.0	1	EPA 8270D/1311	06/02/2021 12:47	06/03/2021 18:58	KH
								Certifications: NELAC-NY10854,PADEP			
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	7.22	10.0	1	EPA 8270D/1311	06/02/2021 12:47	06/03/2021 18:58	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	6.54	10.0	1	EPA 8270D/1311	06/02/2021 12:47	06/03/2021 18:58	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
121-14-2	2,4-Dinitrotoluene	ND		ug/L	4.73	10.0	1	EPA 8270D/1311	06/02/2021 12:47	06/03/2021 18:58	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
95-48-7	2-Methylphenol	ND		ug/L	1.71	10.0	1	EPA 8270D/1311	06/02/2021 12:47	06/03/2021 18:58	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
65794-96-9	3- & 4-Methylphenols	ND		ug/L	7.43	20.0	1	EPA 8270D/1311	06/02/2021 12:47	06/03/2021 18:58	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1319-77-3	Cresols, total	ND		ug/L	7.40	30.0	1	EPA 8270D/1311	06/02/2021 12:47	06/03/2021 18:58	KH
								Certifications: CTDOH,NELAC-NY10854			
118-74-1	Hexachlorobenzene	ND		ug/L	5.91	10.0	1	EPA 8270D/1311	06/02/2021 12:47	06/03/2021 18:58	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	6.62	10.0	1	EPA 8270D/1311	06/02/2021 12:47	06/03/2021 18:58	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
67-72-1	Hexachloroethane	ND		ug/L	7.26	10.0	1	EPA 8270D/1311	06/02/2021 12:47	06/03/2021 18:58	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
98-95-3	Nitrobenzene	ND		ug/L	3.93	10.0	1	EPA 8270D/1311	06/02/2021 12:47	06/03/2021 18:58	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
87-86-5	Pentachlorophenol	ND		ug/L	7.53	10.0	1	EPA 8270D/1311	06/02/2021 12:47	06/03/2021 18:58	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
110-86-1	Pyridine	ND		ug/L	6.37	10.0	1	EPA 8270D/1311	06/02/2021 12:47	06/03/2021 18:58	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: WC-PCE-Q2&4 10-15'

York Sample ID: 21E1255-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 10:30 am	05/28/2021

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**			**Acceptance Range**						
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*52.0 %*			*10-90.9*						
4165-62-2	*Surrogate: SURR: Phenol-d5*	*37.6 %*			*10-69.2*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*74.7 %*			*19.2-141*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*73.1 %*			*24.8-127*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*97.5 %*			*23-163*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*101 %*			*25.8-110*						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.77	5	EPA 8081B Certifications:	06/01/2021 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 13:52	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.77	5	EPA 8081B Certifications:	06/01/2021 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 13:52	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.77	5	EPA 8081B Certifications:	06/01/2021 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 13:52	CM
309-00-2	Aldrin	ND		ug/kg dry	1.77	5	EPA 8081B Certifications:	06/01/2021 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 13:52	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.77	5	EPA 8081B Certifications:	06/01/2021 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 13:52	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.77	5	EPA 8081B Certifications:	06/01/2021 07:23 NELAC-NY10854,NJDEP	06/02/2021 13:52	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.77	5	EPA 8081B Certifications:	06/01/2021 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 13:52	CM
57-74-9	Chlordane, total	ND		ug/kg dry	35.3	5	EPA 8081B Certifications:	06/01/2021 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 13:52	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.77	5	EPA 8081B Certifications:	06/01/2021 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 13:52	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.77	5	EPA 8081B Certifications:	06/01/2021 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 13:52	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.77	5	EPA 8081B Certifications:	06/01/2021 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 13:52	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.77	5	EPA 8081B Certifications:	06/01/2021 07:23 CTDOH,NELAC-NY10854	06/02/2021 13:52	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.77	5	EPA 8081B Certifications:	06/01/2021 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 13:52	CM
72-20-8	Endrin	ND		ug/kg dry	1.77	5	EPA 8081B Certifications:	06/01/2021 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 13:52	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.77	5	EPA 8081B Certifications:	06/01/2021 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 13:52	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.77	5	EPA 8081B Certifications:	06/01/2021 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 13:52	CM

Sample Information

Client Sample ID: WC-PCE-Q2&4 10-15'

York Sample ID: 21E1255-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 10:30 am	05/28/2021

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.77	5	EPA 8081B Certifications:	06/01/2021 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 13:52	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.77	5	EPA 8081B Certifications:	06/01/2021 07:23 NELAC-NY10854,NJDEP	06/02/2021 13:52	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.77	5	EPA 8081B Certifications:	06/01/2021 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 13:52	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.77	5	EPA 8081B Certifications:	06/01/2021 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 13:52	CM
72-43-5	Methoxychlor	ND		ug/kg dry	8.84	5	EPA 8081B Certifications:	06/01/2021 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 13:52	CM
8001-35-2	Toxaphene	ND		ug/kg dry	89.4	5	EPA 8081B Certifications:	06/01/2021 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 13:52	CM

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*80.9 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*82.3 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications:	06/01/2021 07:23 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/01/2021 17:08	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications:	06/01/2021 07:23 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/01/2021 17:08	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications:	06/01/2021 07:23 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/01/2021 17:08	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications:	06/01/2021 07:23 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/01/2021 17:08	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications:	06/01/2021 07:23 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/01/2021 17:08	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications:	06/01/2021 07:23 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/01/2021 17:08	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications:	06/01/2021 07:23 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/01/2021 17:08	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications:	06/01/2021 07:23	06/01/2021 17:08	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*83.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*63.0 %*	*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: WC-PCE-Q2&4 10-15'

York Sample ID: 21E1255-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 10:30 am	05/28/2021

93-76-5	2,4,5-T	ND	ug/kg dry	21.5	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 06:29	06/02/2021 17:41	BJ
93-72-1	2,4,5-TP (Silvex)	ND	ug/kg dry	21.5	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 06:29	06/02/2021 17:41	BJ
94-75-7	2,4-D	ND	ug/kg dry	21.5	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 06:29	06/02/2021 17:41	BJ

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*106 %*	*21-150*

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 EPH

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total EPH	ND		mg/kg dry	52.9	1	NJDEP EPH Rev 3.0 Certifications: NJDEP	06/02/2021 06:36	06/03/2021 09:51	CD

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*69.4 %*	*31.6-128*
84-15-1	*Surrogate: o-Terphenyl*	*69.1 %*	*28.7-124*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**10300**	B	mg/kg dry	5.39	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 11:35	06/03/2021 11:37	EM
7440-36-0	Antimony	ND		mg/kg dry	2.70	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 11:35	06/03/2021 11:37	EM
7440-38-2	Arsenic	ND		mg/kg dry	1.62	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 11:35	06/03/2021 11:37	EM
7440-39-3	**Barium**	**53.6**		mg/kg dry	2.70	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 11:35	06/03/2021 11:37	EM
7440-41-7	Beryllium	ND		mg/kg dry	0.054	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 11:35	06/03/2021 11:37	EM
7440-43-9	Cadmium	ND		mg/kg dry	0.323	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 11:35	06/03/2021 11:37	EM
7440-70-2	**Calcium**	**2090**	B	mg/kg dry	5.39	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 11:35	06/03/2021 11:37	EM
7440-47-3	**Chromium**	**19.5**		mg/kg dry	0.539	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 11:35	06/03/2021 11:37	EM
7440-48-4	**Cobalt**	**7.83**		mg/kg dry	0.431	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 11:35	06/03/2021 11:37	EM
7440-50-8	**Copper**	**15.2**		mg/kg dry	2.16	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 11:35	06/03/2021 11:37	EM
7439-89-6	**Iron**	**13700**		mg/kg dry	27.0	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 11:35	06/03/2021 11:37	EM

Sample Information

Client Sample ID: WC-PCE-Q2&4 10-15'

York Sample ID: 21E1255-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 10:30 am	05/28/2021

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
7439-92-1	**Lead**	**59.8**		mg/kg dry	0.539	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:37	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**2990**	B	mg/kg dry	5.39	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:37	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**375**		mg/kg dry	0.539	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:37	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	Nickel	ND		mg/kg dry	1.08	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:37	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**4410**		mg/kg dry	5.39	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:37	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	2.70	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:37	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.539	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:37	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**208**	B	mg/kg dry	53.9	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:37	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.70	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:37	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**22.5**		mg/kg dry	1.08	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:37	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**83.8**		mg/kg dry	2.70	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:37	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

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**	**0.0520**		mg/kg dry	0.0323	1	EPA 7473	06/02/2021 08:42	06/02/2021 15:49	BR
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**92.7**		%	0.100	1	SM 2540G	06/01/2021 10:19	06/01/2021 18:03	ALH
							Certifications: CTDOH			

TCLP Extraction for SVOCS/PEST/HERB

Log-in Notes:

Sample Notes: EXT-Temp

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

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

Sample Information

Client Sample ID: WC-PCE-Q2&4 10-15' **York Sample ID:** 21E1255-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 10:30 am	05/28/2021

TCLP Extraction for SVOCS/PEST/HERB

Log-in Notes: **Sample Notes:** EXT-Temp

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	06/01/2021 14:20	06/02/2021 11:31	TAJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes: **Sample Notes:** EXT-Temp

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	06/01/2021 14:37	06/02/2021 12:56	TAJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: WC-HF-Q5-1 3' **York Sample ID:** 21E1255-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 11:45 am	05/28/2021

Volatile Organics, 8260 - Comprehensive

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	06/07/2021 11:55	06/08/2021 07:43	KHA
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	06/07/2021 11:55	06/08/2021 07:43	KHA
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	06/07/2021 11:55	06/08/2021 07:43	KHA
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	06/07/2021 11:55	06/08/2021 07:43	KHA
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	06/07/2021 11:55	06/08/2021 07:43	KHA
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	06/07/2021 11:55	06/08/2021 07:43	KHA
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	06/07/2021 11:55	06/08/2021 07:43	KHA
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	06/07/2021 11:55	06/08/2021 07:43	KHA
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	06/07/2021 11:55	06/08/2021 07:43	KHA
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	06/07/2021 11:55	06/08/2021 07:43	KHA
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	06/07/2021 11:55	06/08/2021 07:43	KHA
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			

Sample Information

Client Sample ID: WC-HF-Q5-1 3'

York Sample ID: 21E1255-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 11:45 am	05/28/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:43	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:43	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:43	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:43	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:43	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:43	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:43	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:43	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
123-91-1	1,4-Dioxane	ND		ug/kg dry	49	97	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:43	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:43	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
591-78-6	2-Hexanone	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:43	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:43	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-64-1	Acetone	ND		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:43	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-02-8	Acrolein	ND		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:43	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-13-1	Acrylonitrile	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:43	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
71-43-2	Benzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:43	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:43	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:43	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-25-2	Bromoform	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:43	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-83-9	Bromomethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:43	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-15-0	Carbon disulfide	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:43	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:43	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-90-7	Chlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:43	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: WC-HF-Q5-1 3'

York Sample ID: 21E1255-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 11:45 am	05/28/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:43	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-66-3	Chloroform	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:43	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-87-3	Chloromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:43	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:43	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:43	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-82-7	Cyclohexane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:43	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:43	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:43	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:43	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:43	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:43	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:43	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
79-20-9	Methyl acetate	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:43	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:43	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:43	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	**Methylene chloride**	**6.0**	J	ug/kg dry	4.9	9.7	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:43	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:43	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:43	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-47-6	o-Xylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:43	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:43	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:43	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:43	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-42-5	Styrene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 07:43	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: WC-HF-Q5-1 3' **York Sample ID:** 21E1255-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 11:45 am	05/28/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 11:55	06/08/2021 07:43	KHA
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 11:55	06/08/2021 07:43	KHA
127-18-4	**Tetrachloroethylene**	**9.7**	CCV-E	ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 11:55	06/08/2021 07:43	KHA
108-88-3	Toluene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 11:55	06/08/2021 07:43	KHA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 11:55	06/08/2021 07:43	KHA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 11:55	06/08/2021 07:43	KHA
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH	06/07/2021 11:55	06/08/2021 07:43	KHA
79-01-6	Trichloroethylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 11:55	06/08/2021 07:43	KHA
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 11:55	06/08/2021 07:43	KHA
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 11:55	06/08/2021 07:43	KHA
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.3	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	06/07/2021 11:55	06/08/2021 07:43	KHA

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.0 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**96.8**		%	0.100	1	SM 2540G Certifications: CTDOH	06/03/2021 14:32	06/03/2021 14:35	LJ

Sample Information

Client Sample ID: WC-HF-Q5-2 2' **York Sample ID:** 21E1255-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 11:40 am	05/28/2021

Sample Information

Client Sample ID: **WC-HF-Q5-2 2'** **York Sample ID:** **21E1255-17**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 11:40 am	05/28/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 08:09	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 08:09	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 08:09	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 08:09	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 08:09	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 08:09	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 08:09	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 08:09	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 08:09	KHA NELAC-NY10854,NELAC-NY12058,NJDEP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 08:09	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 08:09	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 08:09	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 08:09	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 08:09	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 08:09	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 08:09	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 08:09	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 08:09	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 08:09	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
123-91-1	1,4-Dioxane	ND		ug/kg dry	48	95	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 08:09	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 08:09	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
591-78-6	2-Hexanone	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 08:09	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 08:09	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: WC-HF-Q5-2 2'

York Sample ID: 21E1255-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 11:40 am	05/28/2021

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		ug/kg dry	4.8	9.5	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 08:09	KHA
107-02-8	Acrolein	ND		ug/kg dry	4.8	9.5	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 08:09	KHA
107-13-1	Acrylonitrile	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 08:09	KHA
71-43-2	Benzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 08:09	KHA
74-97-5	Bromochloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 08:09	KHA
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 08:09	KHA
75-25-2	Bromoform	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 08:09	KHA
74-83-9	Bromomethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 08:09	KHA
75-15-0	Carbon disulfide	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 08:09	KHA
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 08:09	KHA
108-90-7	Chlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 08:09	KHA
75-00-3	Chloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 08:09	KHA
67-66-3	Chloroform	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 08:09	KHA
74-87-3	Chloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 08:09	KHA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 08:09	KHA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 08:09	KHA
110-82-7	Cyclohexane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 08:09	KHA
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 08:09	KHA
74-95-3	Dibromomethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 08:09	KHA
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 08:09	KHA
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 08:09	KHA
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 08:09	KHA
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 08:09	KHA

Sample Information

Client Sample ID: WC-HF-Q5-2 2'

York Sample ID: 21E1255-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 11:40 am	05/28/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 08:09	KHA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 08:09	KHA
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 08:09	KHA
75-09-2	Methylene chloride	ND		ug/kg dry	4.8	9.5	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 08:09	KHA
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 08:09	KHA
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 08:09	KHA
95-47-6	o-Xylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	06/08/2021 08:09	KHA
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.8	9.5	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	06/08/2021 08:09	KHA
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 08:09	KHA
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 08:09	KHA
100-42-5	Styrene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 08:09	KHA
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 08:09	KHA
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 08:09	KHA
127-18-4	**Tetrachloroethylene**	**4200**	QL-02	ug/kg dry	300	600	100	EPA 8260C Certifications:	06/03/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 01:44	MD
108-88-3	Toluene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 08:09	KHA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 08:09	KHA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 08:09	KHA
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH	06/08/2021 08:09	KHA
79-01-6	Trichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 08:09	KHA
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 08:09	KHA
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 08:09	KHA
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.1	14	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	06/08/2021 08:09	KHA

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

Sample Information

Client Sample ID: WC-HF-Q5-2 2' **York Sample ID:** 21E1255-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 11:40 am	05/28/2021

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*	*97.0 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*			*76-130*						

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**85.0**		%	0.100	1	SM 2540G	06/03/2021 14:32	06/03/2021 14:35	LJ
							Certifications: CTDOH			

Sample Information

Client Sample ID: WC-HF-Q5-3 4' **York Sample ID:** 21E1255-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 11:35 am	05/28/2021

Volatile Organics, 8260 - Comprehensive

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	06/07/2021 11:55	06/08/2021 08:35	KHA
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	06/07/2021 11:55	06/08/2021 08:35	KHA
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	06/07/2021 11:55	06/08/2021 08:35	KHA
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	06/07/2021 11:55	06/08/2021 08:35	KHA
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	06/07/2021 11:55	06/08/2021 08:35	KHA
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	06/07/2021 11:55	06/08/2021 08:35	KHA
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	06/07/2021 11:55	06/08/2021 08:35	KHA
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	06/07/2021 11:55	06/08/2021 08:35	KHA
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	06/07/2021 11:55	06/08/2021 08:35	KHA
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	06/07/2021 11:55	06/08/2021 08:35	KHA
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			

Sample Information

Client Sample ID: WC-HF-Q5-3 4'

York Sample ID: 21E1255-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 11:35 am	05/28/2021

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		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 08:35	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 08:35	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 08:35	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 08:35	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 08:35	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 08:35	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 08:35	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 08:35	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 08:35	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
123-91-1	1,4-Dioxane	ND		ug/kg dry	53	110	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 08:35	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 08:35	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
591-78-6	2-Hexanone	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 08:35	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 08:35	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-64-1	Acetone	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 08:35	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-02-8	Acrolein	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 08:35	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-13-1	Acrylonitrile	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 08:35	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
71-43-2	Benzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 08:35	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 08:35	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 08:35	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 08:35	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-83-9	Bromomethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 08:35	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-15-0	Carbon disulfide	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 08:35	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 08:35	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: WC-HF-Q5-3 4' **York Sample ID:** 21E1255-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 11:35 am	05/28/2021

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		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 08:35	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-00-3	Chloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 08:35	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 08:35	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-87-3	Chloromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 08:35	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 08:35	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 08:35	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-82-7	Cyclohexane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 08:35	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 08:35	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 08:35	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 08:35	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 08:35	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 08:35	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 08:35	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
79-20-9	Methyl acetate	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 08:35	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 08:35	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 08:35	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	Methylene chloride	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 08:35	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 08:35	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 08:35	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 08:35	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 08:35	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 08:35	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 08:35	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: WC-HF-Q5-3 4'

York Sample ID: 21E1255-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 11:35 am	05/28/2021

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		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 08:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 08:35 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 08:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
127-18-4	**Tetrachloroethylene**	**10**	CCV-E	ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 08:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
108-88-3	Toluene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 08:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 08:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 08:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 08:35 CTDOH	KHA
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 08:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 08:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 08:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 08:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	KHA

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.8 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**97.3**		%	0.100	1	SM 2540G Certifications: CTDOH	06/03/2021 14:32	06/03/2021 14:35	LJ

Sample Information

Client Sample ID: WC-HF-Q5-4 2'

York Sample ID: 21E1255-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 11:33 am	05/28/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	KHA
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:01 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:01 NELAC-NY10854,NELAC-NY12058,NJDEP	KHA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:01 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
123-91-1	1,4-Dioxane	ND		ug/kg dry	59	120	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:01 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
78-93-3	2-Butanone	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
591-78-6	2-Hexanone	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA

Sample Information

Client Sample ID: WC-HF-Q5-4 2'

York Sample ID: 21E1255-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 11:33 am	05/28/2021

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		ug/kg dry	5.9	12	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:01	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-02-8	Acrolein	ND		ug/kg dry	5.9	12	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:01	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-13-1	Acrylonitrile	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:01	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
71-43-2	Benzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:01	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:01	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:01	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-25-2	Bromoform	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:01	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-83-9	Bromomethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:01	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-15-0	Carbon disulfide	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:01	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:01	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-90-7	Chlorobenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:01	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-00-3	Chloroethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:01	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-66-3	Chloroform	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:01	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-87-3	Chloromethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:01	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:01	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:01	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-82-7	Cyclohexane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:01	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:01	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:01	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:01	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:01	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:01	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:01	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: WC-HF-Q5-4 2' **York Sample ID:** 21E1255-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 11:33 am	05/28/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	06/07/2021 11:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 09:01	KHA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 09:01	KHA
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	06/07/2021 11:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 09:01	KHA
75-09-2	Methylene chloride	ND		ug/kg dry	5.9	12	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 09:01	KHA
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 09:01	KHA
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 09:01	KHA
95-47-6	o-Xylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	06/08/2021 09:01	KHA
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.9	12	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	06/08/2021 09:01	KHA
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 09:01	KHA
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 09:01	KHA
100-42-5	Styrene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 09:01	KHA
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	06/07/2021 11:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 09:01	KHA
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 09:01	KHA
127-18-4	**Tetrachloroethylene**	**72**	CCV-E	ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 09:01	KHA
108-88-3	Toluene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 09:01	KHA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 09:01	KHA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 09:01	KHA
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH	06/08/2021 09:01	KHA
79-01-6	Trichloroethylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 09:01	KHA
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 09:01	KHA
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 09:01	KHA
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.8	18	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	06/08/2021 09:01	KHA

CAS No.	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*

Sample Information

Client Sample ID: WC-HF-Q5-4 2' **York Sample ID:** 21E1255-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 11:33 am	05/28/2021

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*	*96.9 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*100 %*			*76-130*						

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.3**		%	0.100	1	SM 2540G	06/04/2021 17:08	06/04/2021 17:11	LJ
							Certifications: CTDOH			

Sample Information

Client Sample ID: WC-HF-Q5-5 3' **York Sample ID:** 21E1255-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 11:30 am	05/28/2021

Volatile Organics, 8260 - Comprehensive

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	06/07/2021 11:55	06/08/2021 09:28	KHA
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	06/07/2021 11:55	06/08/2021 09:28	KHA
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	06/07/2021 11:55	06/08/2021 09:28	KHA
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	06/07/2021 11:55	06/08/2021 09:28	KHA
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	06/07/2021 11:55	06/08/2021 09:28	KHA
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	06/07/2021 11:55	06/08/2021 09:28	KHA
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	06/07/2021 11:55	06/08/2021 09:28	KHA
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	06/07/2021 11:55	06/08/2021 09:28	KHA
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	06/07/2021 11:55	06/08/2021 09:28	KHA
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	06/07/2021 11:55	06/08/2021 09:28	KHA
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			

Sample Information

Client Sample ID: WC-HF-Q5-5 3' **York Sample ID:** 21E1255-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 11:30 am	05/28/2021

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		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:28	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:28	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:28	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:28	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:28	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:28	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:28	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:28	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:28	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
123-91-1	1,4-Dioxane	ND		ug/kg dry	48	96	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:28	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:28	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
591-78-6	2-Hexanone	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:28	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:28	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-64-1	Acetone	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:28	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-02-8	Acrolein	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:28	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-13-1	Acrylonitrile	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:28	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
71-43-2	Benzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:28	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:28	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:28	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-25-2	Bromoform	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:28	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-83-9	Bromomethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:28	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-15-0	Carbon disulfide	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:28	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:28	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: WC-HF-Q5-5 3'

York Sample ID: 21E1255-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 11:30 am	05/28/2021

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		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:28	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-00-3	Chloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:28	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-66-3	Chloroform	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:28	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-87-3	Chloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:28	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:28	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:28	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-82-7	Cyclohexane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:28	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:28	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:28	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:28	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:28	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:28	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:28	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
79-20-9	Methyl acetate	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:28	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:28	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:28	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	Methylene chloride	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:28	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:28	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:28	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-47-6	o-Xylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:28	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:28	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:28	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55	06/08/2021 09:28	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: WC-HF-Q5-5 3' **York Sample ID:** 21E1255-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 11:30 am	05/28/2021

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		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 09:28	KHA
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 09:28	KHA
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 09:28	KHA
127-18-4	**Tetrachloroethylene**	**1800**	QL-02	ug/kg dry	270	530	100	EPA 8260C Certifications:	06/03/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 02:12	MD
108-88-3	Toluene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 09:28	KHA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 09:28	KHA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 09:28	KHA
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH	06/08/2021 09:28	KHA
79-01-6	Trichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 09:28	KHA
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 09:28	KHA
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 09:28	KHA
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.2	14	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	06/08/2021 09:28	KHA

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.6 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**84.9**		%	0.100	1	SM 2540G Certifications: CTDOH	06/04/2021 17:08	06/04/2021 17:11	LJ

Sample Information

Client Sample ID: WC-CS-Q5 9'

York Sample ID: 21E1255-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 11:55 am	05/28/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 11:55	06/08/2021 09:54	KHA
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 11:55	06/08/2021 09:54	KHA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 11:55	06/08/2021 09:54	KHA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	06/07/2021 11:55	06/08/2021 09:54	KHA
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 11:55	06/08/2021 09:54	KHA
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 11:55	06/08/2021 09:54	KHA
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 11:55	06/08/2021 09:54	KHA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 11:55	06/08/2021 09:54	KHA
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	06/07/2021 11:55	06/08/2021 09:54	KHA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 11:55	06/08/2021 09:54	KHA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 11:55	06/08/2021 09:54	KHA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 11:55	06/08/2021 09:54	KHA
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 11:55	06/08/2021 09:54	KHA
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 11:55	06/08/2021 09:54	KHA
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 11:55	06/08/2021 09:54	KHA
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 11:55	06/08/2021 09:54	KHA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 11:55	06/08/2021 09:54	KHA
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 11:55	06/08/2021 09:54	KHA
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 11:55	06/08/2021 09:54	KHA
123-91-1	1,4-Dioxane	ND		ug/kg dry	52	100	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 11:55	06/08/2021 09:54	KHA
78-93-3	2-Butanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 11:55	06/08/2021 09:54	KHA
591-78-6	2-Hexanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 11:55	06/08/2021 09:54	KHA
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 11:55	06/08/2021 09:54	KHA

Sample Information

Client Sample ID: WC-CS-Q5 9'

York Sample ID: 21E1255-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 11:55 am	05/28/2021

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		ug/kg dry	5.2	10	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 09:54	KHA
107-02-8	Acrolein	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 09:54	KHA
107-13-1	Acrylonitrile	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 09:54	KHA
71-43-2	Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 09:54	KHA
74-97-5	Bromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/07/2021 11:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 09:54	KHA
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 09:54	KHA
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 09:54	KHA
74-83-9	Bromomethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 09:54	KHA
75-15-0	Carbon disulfide	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 09:54	KHA
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 09:54	KHA
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 09:54	KHA
75-00-3	Chloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 09:54	KHA
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 09:54	KHA
74-87-3	Chloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 09:54	KHA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 09:54	KHA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 09:54	KHA
110-82-7	Cyclohexane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/07/2021 11:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 09:54	KHA
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/07/2021 11:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 09:54	KHA
74-95-3	Dibromomethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/07/2021 11:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 09:54	KHA
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/07/2021 11:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 09:54	KHA
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 09:54	KHA
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/07/2021 11:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 09:54	KHA
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 09:54	KHA

Sample Information

Client Sample ID: WC-CS-Q5 9' **York Sample ID:** 21E1255-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 11:55 am	05/28/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/07/2021 11:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 09:54	KHA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 09:54	KHA
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/07/2021 11:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 09:54	KHA
75-09-2	Methylene chloride	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 09:54	KHA
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 09:54	KHA
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 09:54	KHA
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	06/08/2021 09:54	KHA
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	06/08/2021 09:54	KHA
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 09:54	KHA
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 09:54	KHA
100-42-5	Styrene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 09:54	KHA
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/07/2021 11:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 09:54	KHA
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 09:54	KHA
127-18-4	**Tetrachloroethylene**	**91**	CCV-E	ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 09:54	KHA
108-88-3	Toluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 09:54	KHA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 09:54	KHA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 09:54	KHA
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH	06/08/2021 09:54	KHA
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 09:54	KHA
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 09:54	KHA
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 09:54	KHA
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.7	15	1	EPA 8260C Certifications:	06/07/2021 11:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	06/08/2021 09:54	KHA

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*77-125*

Sample Information

Client Sample ID: WC-CS-Q5 9' **York Sample ID:** 21E1255-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 11:55 am	05/28/2021

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*	*97.8 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*			*76-130*						

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.0**		%	0.100	1	SM 2540G	06/04/2021 17:08	06/04/2021 17:11	LJ
							Certifications: CTDOH			

Sample Information

Client Sample ID: WC-CS-Q5 12' **York Sample ID:** 21E1255-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 12:00 pm	05/28/2021

Volatile Organics, 8260 - Comprehensive

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	06/05/2021 15:04	06/07/2021 20:15	MD
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	06/05/2021 15:04	06/07/2021 20:15	MD
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	06/05/2021 15:04	06/07/2021 20:15	MD
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	06/05/2021 15:04	06/07/2021 20:15	MD
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	06/05/2021 15:04	06/07/2021 20:15	MD
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	06/05/2021 15:04	06/07/2021 20:15	MD
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	06/05/2021 15:04	06/07/2021 20:15	MD
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	06/05/2021 15:04	06/07/2021 20:15	MD
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	06/05/2021 15:04	06/07/2021 20:15	MD
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	06/05/2021 15:04	06/07/2021 20:15	MD
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			

Sample Information

Client Sample ID: WC-CS-Q5 12'

York Sample ID: 21E1255-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 12:00 pm	05/28/2021

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		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
123-91-1	1,4-Dioxane	ND		ug/kg dry	48	96	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
78-93-3	2-Butanone	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
591-78-6	2-Hexanone	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
67-64-1	**Acetone**	**8.1**	J	ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
107-02-8	Acrolein	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
107-13-1	Acrylonitrile	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
71-43-2	Benzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
74-97-5	Bromochloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-25-2	Bromoform	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
74-83-9	Bromomethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-15-0	Carbon disulfide	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD

Sample Information

Client Sample ID: WC-CS-Q5 12'

York Sample ID: 21E1255-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 12:00 pm	05/28/2021

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		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-00-3	Chloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
67-66-3	Chloroform	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
74-87-3	Chloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
110-82-7	Cyclohexane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
74-95-3	Dibromomethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
79-20-9	Methyl acetate	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-09-2	Methylene chloride	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
95-47-6	o-Xylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:15 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	MD
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:15 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	MD
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD

Sample Information

Client Sample ID: WC-CS-Q5 12'

York Sample ID: 21E1255-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 12:00 pm	05/28/2021

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		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
127-18-4	**Tetrachloroethylene**	**60**	QL-02	ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
108-88-3	Toluene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:15 CTDOH	MD
79-01-6	Trichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.2	14	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	MD

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.6 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*97.0 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**96.7**		%	0.100	1	SM 2540G Certifications: CTDOH	06/04/2021 17:08	06/04/2021 17:11	LJ

Sample Information

Client Sample ID: WC-CS-Q5 17'

York Sample ID: 21E1255-23

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 12:05 pm	05/28/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	MD
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:43 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:43 NELAC-NY10854,NELAC-NY12058,NJDEP	MD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:43 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
123-91-1	1,4-Dioxane	ND		ug/kg dry	50	100	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:43 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
78-93-3	2-Butanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
591-78-6	2-Hexanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD

Sample Information

Client Sample ID: WC-CS-Q5 17'

York Sample ID: 21E1255-23

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 12:05 pm	05/28/2021

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		ug/kg dry	5.0	10	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:43	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-02-8	Acrolein	ND		ug/kg dry	5.0	10	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:43	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-13-1	Acrylonitrile	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:43	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
71-43-2	Benzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:43	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:43	MD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:43	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-25-2	Bromoform	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:43	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-83-9	Bromomethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:43	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-15-0	Carbon disulfide	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:43	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:43	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-90-7	Chlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:43	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-00-3	Chloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:43	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-66-3	Chloroform	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:43	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-87-3	Chloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:43	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:43	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:43	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-82-7	Cyclohexane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:43	MD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:43	MD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:43	MD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:43	MD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:43	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:43	MD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 20:43	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: WC-CS-Q5 17'

York Sample ID: 21E1255-23

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 12:05 pm	05/28/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 20:43	MD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 20:43	MD
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 20:43	MD
75-09-2	Methylene chloride	ND		ug/kg dry	5.0	10	1	EPA 8260C Certifications:	06/05/2021 15:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 20:43	MD
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 20:43	MD
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 20:43	MD
95-47-6	o-Xylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	06/07/2021 20:43	MD
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.0	10	1	EPA 8260C Certifications:	06/05/2021 15:04 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	06/07/2021 20:43	MD
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 20:43	MD
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 20:43	MD
100-42-5	Styrene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 20:43	MD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 20:43	MD
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 20:43	MD
127-18-4	**Tetrachloroethylene**	**56**	QL-02	ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 20:43	MD
108-88-3	Toluene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 20:43	MD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 20:43	MD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 20:43	MD
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04 CTDOH	06/07/2021 20:43	MD
79-01-6	Trichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 20:43	MD
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 20:43	MD
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 20:43	MD
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications:	06/05/2021 15:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	06/07/2021 20:43	MD

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*77-125*

Sample Information

Client Sample ID: WC-CS-Q5 17' **York Sample ID:** 21E1255-23

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 12:05 pm	05/28/2021

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*	*96.4 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*95.4 %*			*76-130*						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**95.0**		%	0.100	1	SM 2540G	06/04/2021 17:08	06/04/2021 17:11	LJ
							Certifications: CTDOH			

Sample Information

Client Sample ID: WC-CS-Q5 23' **York Sample ID:** 21E1255-24

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 12:10 pm	05/28/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	06/05/2021 15:04	06/07/2021 21:10	MD
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	06/05/2021 15:04	06/07/2021 21:10	MD
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	06/05/2021 15:04	06/07/2021 21:10	MD
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	06/05/2021 15:04	06/07/2021 21:10	MD
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	06/05/2021 15:04	06/07/2021 21:10	MD
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	06/05/2021 15:04	06/07/2021 21:10	MD
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	06/05/2021 15:04	06/07/2021 21:10	MD
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	06/05/2021 15:04	06/07/2021 21:10	MD
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	06/05/2021 15:04	06/07/2021 21:10	MD
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	06/05/2021 15:04	06/07/2021 21:10	MD
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			

Sample Information

Client Sample ID: WC-CS-Q5 23'

York Sample ID: 21E1255-24

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 12:10 pm	05/28/2021

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		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:10 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:10 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:10 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:10 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:10 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:10 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:10 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:10 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:10 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
123-91-1	1,4-Dioxane	ND		ug/kg dry	52	100	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:10 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
78-93-3	2-Butanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:10 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
591-78-6	2-Hexanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:10 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:10 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
67-64-1	Acetone	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:10 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
107-02-8	Acrolein	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:10 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
107-13-1	Acrylonitrile	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:10 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
71-43-2	Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:10 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
74-97-5	Bromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:10 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:10 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:10 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
74-83-9	Bromomethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:10 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-15-0	Carbon disulfide	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:10 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:10 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD

Sample Information

Client Sample ID: WC-CS-Q5 23'

York Sample ID: 21E1255-24

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 12:10 pm	05/28/2021

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		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:10 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-00-3	Chloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:10 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:10 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
74-87-3	Chloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:10 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:10 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:10 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
110-82-7	Cyclohexane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:10 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:10 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
74-95-3	Dibromomethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:10 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:10 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:10 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:10 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:10 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
79-20-9	Methyl acetate	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:10 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:10 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:10 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-09-2	Methylene chloride	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:10 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:10 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:10 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:10 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	MD
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:10 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	MD
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:10 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:10 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD

Sample Information

Client Sample ID: WC-CS-Q5 23'

York Sample ID: 21E1255-24

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 12:10 pm	05/28/2021

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		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:10 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:10 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:10 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
127-18-4	**Tetrachloroethylene**	**62**	QL-02	ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:10 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
108-88-3	Toluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:10 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:10 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:10 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:10 CTDOH	MD
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:10 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:10 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:10 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.8	16	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:10 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	MD

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*99.2 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.8 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*94.0 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**93.0**		%	0.100	1	SM 2540G Certifications: CTDOH	06/04/2021 17:08	06/04/2021 17:11	LJ

Sample Information

Client Sample ID: WC-HF-Q6-1 4'

York Sample ID: 21E1255-25

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 1:00 pm	05/28/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	MD
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:38 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:38 NELAC-NY10854,NELAC-NY12058,NJDEP	MD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:38 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
123-91-1	1,4-Dioxane	ND		ug/kg dry	50	100	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:38 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
78-93-3	2-Butanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
591-78-6	2-Hexanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD

Sample Information

Client Sample ID: WC-HF-Q6-1 4'

York Sample ID: 21E1255-25

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 1:00 pm	05/28/2021

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		ug/kg dry	5.0	10	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:38	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-02-8	Acrolein	ND		ug/kg dry	5.0	10	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:38	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-13-1	Acrylonitrile	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:38	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
71-43-2	Benzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:38	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:38	MD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:38	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-25-2	Bromoform	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:38	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-83-9	Bromomethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:38	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-15-0	Carbon disulfide	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:38	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:38	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-90-7	Chlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:38	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-00-3	Chloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:38	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-66-3	Chloroform	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:38	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-87-3	Chloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:38	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:38	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:38	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-82-7	Cyclohexane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:38	MD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:38	MD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:38	MD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:38	MD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:38	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:38	MD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:38	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: WC-HF-Q6-1 4' **York Sample ID:** 21E1255-25

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 1:00 pm	05/28/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:38	MD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:38	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:38	MD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	Methylene chloride	ND		ug/kg dry	5.0	10	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:38	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:38	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:38	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-47-6	o-Xylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:38	MD CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.0	10	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:38	MD CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:38	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:38	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-42-5	Styrene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:38	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:38	MD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:38	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
127-18-4	**Tetrachloroethylene**	**10**	QL-02	ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:38	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-88-3	Toluene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:38	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:38	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:38	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:38	MD CTDOH
79-01-6	Trichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:38	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:38	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:38	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 21:38	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP

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

Sample Information

Client Sample ID: WC-HF-Q6-1 4' **York Sample ID:** 21E1255-25

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 1:00 pm	05/28/2021

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*	*95.1 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*93.6 %*			*76-130*						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**97.7**		%	0.100	1	SM 2540G	06/04/2021 17:08	06/04/2021 17:11	LJ
							Certifications: CTDOH			

Sample Information

Client Sample ID: WC-HF-Q6-2 2' **York Sample ID:** 21E1255-26

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 12:55 pm	05/28/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	06/05/2021 15:04	06/07/2021 22:05	MD
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	06/05/2021 15:04	06/07/2021 22:05	MD
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	06/05/2021 15:04	06/07/2021 22:05	MD
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	06/05/2021 15:04	06/07/2021 22:05	MD
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	06/05/2021 15:04	06/07/2021 22:05	MD
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	06/05/2021 15:04	06/07/2021 22:05	MD
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	06/05/2021 15:04	06/07/2021 22:05	MD
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	06/05/2021 15:04	06/07/2021 22:05	MD
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	06/05/2021 15:04	06/07/2021 22:05	MD
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	06/05/2021 15:04	06/07/2021 22:05	MD
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			

Sample Information

Client Sample ID: WC-HF-Q6-2 2'

York Sample ID: 21E1255-26

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 12:55 pm	05/28/2021

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		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:05	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:05	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:05	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:05	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:05	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:05	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:05	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:05	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:05	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
123-91-1	1,4-Dioxane	ND		ug/kg dry	53	110	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:05	MD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:05	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
591-78-6	2-Hexanone	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:05	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:05	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-64-1	Acetone	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:05	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-02-8	Acrolein	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:05	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-13-1	Acrylonitrile	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:05	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
71-43-2	Benzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:05	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:05	MD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:05	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-25-2	Bromoform	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:05	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-83-9	Bromomethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:05	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-15-0	Carbon disulfide	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:05	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:05	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: WC-HF-Q6-2 2'

York Sample ID: 21E1255-26

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 12:55 pm	05/28/2021

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		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-00-3	Chloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
67-66-3	Chloroform	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
74-87-3	Chloromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
110-82-7	Cyclohexane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:05 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:05 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
74-95-3	Dibromomethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:05 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:05 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:05 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
79-20-9	Methyl acetate	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:05 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:05 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-09-2	**Methylene chloride**	**7.3**	J	ug/kg dry	5.3	11	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
95-47-6	o-Xylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:05 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	MD
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:05 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	MD
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD

Sample Information

Client Sample ID: WC-HF-Q6-2 2'

York Sample ID: 21E1255-26

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 12:55 pm	05/28/2021

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		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:05 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
127-18-4	**Tetrachloroethylene**	**4.1**	J, QL-02	ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
108-88-3	Toluene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:05 CTDOH	MD
79-01-6	Trichloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.0	16	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	MD

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.4 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*93.6 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**97.6**		%	0.100	1	SM 2540G Certifications: CTDOH	06/04/2021 17:08	06/04/2021 17:11	LJ

Sample Information

Client Sample ID: WC-HF-Q6-3 2'

York Sample ID: 21E1255-27

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 12:43 pm	05/28/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	MD
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:33 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:33 NELAC-NY10854,NELAC-NY12058,NJDEP	MD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:33 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
123-91-1	1,4-Dioxane	ND		ug/kg dry	47	94	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:33 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
78-93-3	2-Butanone	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
591-78-6	2-Hexanone	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD

Sample Information

Client Sample ID: WC-HF-Q6-3 2'

York Sample ID: 21E1255-27

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 12:43 pm	05/28/2021

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		ug/kg dry	4.7	9.4	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
107-02-8	Acrolein	ND		ug/kg dry	4.7	9.4	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
107-13-1	Acrylonitrile	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
71-43-2	Benzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
74-97-5	Bromochloromethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:33 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-25-2	Bromoform	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
74-83-9	Bromomethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-15-0	Carbon disulfide	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
108-90-7	Chlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-00-3	Chloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
67-66-3	Chloroform	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
74-87-3	Chloromethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
110-82-7	Cyclohexane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:33 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:33 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
74-95-3	Dibromomethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:33 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:33 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:33 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 22:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD

Sample Information

Client Sample ID: WC-HF-Q6-3 2'

York Sample ID: 21E1255-27

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 12:43 pm	05/28/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 15:04 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 22:33	MD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 15:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 22:33	MD
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 15:04 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 22:33	MD
75-09-2	Methylene chloride	ND		ug/kg dry	4.7	9.4	1	EPA 8260C Certifications:	06/05/2021 15:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 22:33	MD
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 15:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 22:33	MD
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 15:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 22:33	MD
95-47-6	o-Xylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 15:04 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	06/07/2021 22:33	MD
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.7	9.4	1	EPA 8260C Certifications:	06/05/2021 15:04 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	06/07/2021 22:33	MD
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 15:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 22:33	MD
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 15:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 22:33	MD
100-42-5	Styrene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 15:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 22:33	MD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 15:04 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 22:33	MD
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 15:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 22:33	MD
127-18-4	**Tetrachloroethylene**	**1000**	QL-02	ug/kg dry	240	470	100	EPA 8260C Certifications:	06/03/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/08/2021 02:39	MD
108-88-3	Toluene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 15:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 22:33	MD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 15:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 22:33	MD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 15:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 22:33	MD
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 15:04 CTDOH	06/07/2021 22:33	MD
79-01-6	Trichloroethylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 15:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 22:33	MD
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 15:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 22:33	MD
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 15:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/07/2021 22:33	MD
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.1	14	1	EPA 8260C Certifications:	06/05/2021 15:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	06/07/2021 22:33	MD

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*97.7 %*	*77-125*

Sample Information

Client Sample ID: WC-HF-Q6-3 2' **York Sample ID:** 21E1255-27

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 12:43 pm	05/28/2021

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*	*96.0 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*95.4 %*			*76-130*						

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**86.0**		%	0.100	1	SM 2540G Certifications: CTDOH	06/04/2021 17:08	06/04/2021 17:11	LJ

Sample Information

Client Sample ID: WC-HF-Q6-4 2' **York Sample ID:** 21E1255-28

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 12:45 pm	05/28/2021

Volatile Organics, 8260 - Comprehensive

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/05/2021 15:04	06/07/2021 23:00	MD
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/05/2021 15:04	06/07/2021 23:00	MD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/05/2021 15:04	06/07/2021 23:00	MD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	06/05/2021 15:04	06/07/2021 23:00	MD
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/05/2021 15:04	06/07/2021 23:00	MD
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/05/2021 15:04	06/07/2021 23:00	MD
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/05/2021 15:04	06/07/2021 23:00	MD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/05/2021 15:04	06/07/2021 23:00	MD
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	06/05/2021 15:04	06/07/2021 23:00	MD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/05/2021 15:04	06/07/2021 23:00	MD

Sample Information

Client Sample ID: WC-HF-Q6-4 2'

York Sample ID: 21E1255-28

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 12:45 pm	05/28/2021

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		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 23:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 23:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 23:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 23:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 23:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 23:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 23:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 23:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 23:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
123-91-1	1,4-Dioxane	ND		ug/kg dry	49	98	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 23:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
78-93-3	2-Butanone	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 23:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
591-78-6	2-Hexanone	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 23:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 23:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
67-64-1	Acetone	ND		ug/kg dry	4.9	9.8	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 23:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
107-02-8	Acrolein	ND		ug/kg dry	4.9	9.8	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 23:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
107-13-1	Acrylonitrile	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 23:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
71-43-2	Benzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 23:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
74-97-5	Bromochloromethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 23:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 23:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-25-2	Bromoform	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 23:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
74-83-9	Bromomethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 23:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-15-0	Carbon disulfide	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 23:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 23:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD

Sample Information

Client Sample ID: WC-HF-Q6-4 2'

York Sample ID: 21E1255-28

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 12:45 pm	05/28/2021

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		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 23:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-00-3	Chloroethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 23:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
67-66-3	Chloroform	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 23:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
74-87-3	Chloromethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 23:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 23:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 23:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
110-82-7	Cyclohexane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 23:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 23:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
74-95-3	Dibromomethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 23:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 23:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 23:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 23:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 23:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
79-20-9	Methyl acetate	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 23:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 23:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 23:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-09-2	Methylene chloride	ND		ug/kg dry	4.9	9.8	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 23:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 23:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 23:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
95-47-6	o-Xylene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 23:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	MD
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.9	9.8	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 23:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	MD
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 23:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 23:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD

Sample Information

Client Sample ID: WC-HF-Q6-4 2' **York Sample ID:** 21E1255-28

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 12:45 pm	05/28/2021

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		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 23:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 23:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 23:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
127-18-4	**Tetrachloroethylene**	**8.0**	QL-02	ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 23:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
108-88-3	Toluene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 23:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 23:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 23:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 23:00 CTDOH	MD
79-01-6	Trichloroethylene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 23:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 23:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 23:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.4	15	1	EPA 8260C Certifications:	06/05/2021 15:04	06/07/2021 23:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	MD

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*97.3 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.2 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.8 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**86.7**		%	0.100	1	SM 2540G Certifications: CTDOH	06/04/2021 17:08	06/04/2021 17:11	LJ

Sample Information

Client Sample ID: WC-HF-Q6-5 2' **York Sample ID:** 21E1255-29

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 12:40 pm	05/28/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 06:47	06/05/2021 18:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 06:47	06/05/2021 18:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 06:47	06/05/2021 18:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 06:47	06/05/2021 18:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 06:47	06/05/2021 18:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 06:47	06/05/2021 18:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 06:47	06/05/2021 18:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	LLJ
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 06:47	06/05/2021 18:49 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	LLJ
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 06:47	06/05/2021 18:49 NELAC-NY10854,NELAC-NY12058,NJDEP	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 06:47	06/05/2021 18:49 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 06:47	06/05/2021 18:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	LLJ
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 06:47	06/05/2021 18:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 06:47	06/05/2021 18:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 06:47	06/05/2021 18:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 06:47	06/05/2021 18:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 06:47	06/05/2021 18:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 06:47	06/05/2021 18:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 06:47	06/05/2021 18:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 06:47	06/05/2021 18:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	LLJ
123-91-1	1,4-Dioxane	ND		ug/kg dry	47	95	1	EPA 8260C Certifications:	06/05/2021 06:47	06/05/2021 18:49 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	LLJ
78-93-3	2-Butanone	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 06:47	06/05/2021 18:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	LLJ
591-78-6	2-Hexanone	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 06:47	06/05/2021 18:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 06:47	06/05/2021 18:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	LLJ

Sample Information

Client Sample ID: WC-HF-Q6-5 2'

York Sample ID: 21E1255-29

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 12:40 pm	05/28/2021

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		ug/kg dry	4.7	9.5	1	EPA 8260C Certifications:	06/05/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/05/2021 18:49	LLJ
107-02-8	Acrolein	ND		ug/kg dry	4.7	9.5	1	EPA 8260C Certifications:	06/05/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/05/2021 18:49	LLJ
107-13-1	Acrylonitrile	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/05/2021 18:49	LLJ
71-43-2	Benzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/05/2021 18:49	LLJ
74-97-5	Bromochloromethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 06:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/05/2021 18:49	LLJ
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/05/2021 18:49	LLJ
75-25-2	Bromoform	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/05/2021 18:49	LLJ
74-83-9	Bromomethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/05/2021 18:49	LLJ
75-15-0	Carbon disulfide	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/05/2021 18:49	LLJ
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/05/2021 18:49	LLJ
108-90-7	Chlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/05/2021 18:49	LLJ
75-00-3	Chloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/05/2021 18:49	LLJ
67-66-3	Chloroform	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/05/2021 18:49	LLJ
74-87-3	Chloromethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/05/2021 18:49	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/05/2021 18:49	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/05/2021 18:49	LLJ
110-82-7	Cyclohexane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 06:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/05/2021 18:49	LLJ
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 06:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/05/2021 18:49	LLJ
74-95-3	Dibromomethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 06:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/05/2021 18:49	LLJ
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 06:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/05/2021 18:49	LLJ
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/05/2021 18:49	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 06:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/05/2021 18:49	LLJ
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/05/2021 18:49	LLJ

Sample Information

Client Sample ID: WC-HF-Q6-5 2'

York Sample ID: 21E1255-29

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 12:40 pm	05/28/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 06:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/05/2021 18:49	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/05/2021 18:49	LLJ
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 06:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/05/2021 18:49	LLJ
75-09-2	Methylene chloride	ND		ug/kg dry	4.7	9.5	1	EPA 8260C Certifications:	06/05/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/05/2021 18:49	LLJ
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/05/2021 18:49	LLJ
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/05/2021 18:49	LLJ
95-47-6	o-Xylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	06/05/2021 18:49	LLJ
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.7	9.5	1	EPA 8260C Certifications:	06/05/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	06/05/2021 18:49	LLJ
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/05/2021 18:49	LLJ
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/05/2021 18:49	LLJ
100-42-5	Styrene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/05/2021 18:49	LLJ
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 06:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/05/2021 18:49	LLJ
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/05/2021 18:49	LLJ
127-18-4	**Tetrachloroethylene**	**29**	Cal-E	ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/05/2021 18:49	LLJ
108-88-3	Toluene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/05/2021 18:49	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/05/2021 18:49	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/05/2021 18:49	LLJ
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 06:47 CTDOH	06/05/2021 18:49	LLJ
79-01-6	Trichloroethylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/05/2021 18:49	LLJ
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/05/2021 18:49	LLJ
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	06/05/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/05/2021 18:49	LLJ
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.1	14	1	EPA 8260C Certifications:	06/05/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	06/05/2021 18:49	LLJ

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*77-125*

Sample Information

Client Sample ID: WC-HF-Q6-5 2' **York Sample ID:** 21E1255-29

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 12:40 pm	05/28/2021

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*	*100 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*			*76-130*						

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.7**		%	0.100	1	SM 2540G Certifications: CTDOH	06/04/2021 17:08	06/04/2021 17:11	LJ

Sample Information

Client Sample ID: WC-CS-Q6 9' **York Sample ID:** 21E1255-30

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 1:05 pm	05/28/2021

Volatile Organics, 8260 - Comprehensive

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/02/2021 06:47	06/02/2021 19:44	MD
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/02/2021 06:47	06/02/2021 19:44	MD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/02/2021 06:47	06/02/2021 19:44	MD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	06/02/2021 06:47	06/02/2021 19:44	MD
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/02/2021 06:47	06/02/2021 19:44	MD
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/02/2021 06:47	06/02/2021 19:44	MD
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/02/2021 06:47	06/02/2021 19:44	MD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/02/2021 06:47	06/02/2021 19:44	MD
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	06/02/2021 06:47	06/02/2021 19:44	MD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/02/2021 06:47	06/02/2021 19:44	MD

Sample Information

Client Sample ID: WC-CS-Q6 9'

York Sample ID: 21E1255-30

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 1:05 pm	05/28/2021

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		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 19:44	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 19:44	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 19:44	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 19:44	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 19:44	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 19:44	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 19:44	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 19:44	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 19:44	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
123-91-1	1,4-Dioxane	ND		ug/kg dry	51	100	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 19:44	MD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 19:44	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
591-78-6	2-Hexanone	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 19:44	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 19:44	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-64-1	Acetone	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 19:44	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-02-8	Acrolein	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 19:44	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-13-1	Acrylonitrile	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 19:44	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
71-43-2	Benzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 19:44	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 19:44	MD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 19:44	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-25-2	Bromoform	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 19:44	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-83-9	Bromomethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 19:44	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-15-0	Carbon disulfide	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 19:44	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 19:44	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: WC-CS-Q6 9' **York Sample ID:** 21E1255-30

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 1:05 pm	05/28/2021

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		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 19:44	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-00-3	Chloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 19:44	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-66-3	Chloroform	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 19:44	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-87-3	Chloromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 19:44	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 19:44	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 19:44	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-82-7	Cyclohexane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 19:44	MD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 19:44	MD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 19:44	MD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 19:44	MD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 19:44	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 19:44	MD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 19:44	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
79-20-9	Methyl acetate	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 19:44	MD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 19:44	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 19:44	MD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	**Methylene chloride**	**6.1**	J	ug/kg dry	5.1	10	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 19:44	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 19:44	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 19:44	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-47-6	o-Xylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 19:44	MD CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 19:44	MD CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 19:44	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 19:44	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: WC-CS-Q6 9' **York Sample ID:** 21E1255-30

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 1:05 pm	05/28/2021

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		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/02/2021 06:47	06/02/2021 19:44	MD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/02/2021 06:47	06/02/2021 19:44	MD
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/02/2021 06:47	06/02/2021 19:44	MD
127-18-4	**Tetrachloroethylene**	**36**	QL-02	ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/02/2021 06:47	06/02/2021 19:44	MD
108-88-3	Toluene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/02/2021 06:47	06/02/2021 19:44	MD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/02/2021 06:47	06/02/2021 19:44	MD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/02/2021 06:47	06/02/2021 19:44	MD
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH	06/02/2021 06:47	06/02/2021 19:44	MD
79-01-6	Trichloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/02/2021 06:47	06/02/2021 19:44	MD
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/02/2021 06:47	06/02/2021 19:44	MD
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/02/2021 06:47	06/02/2021 19:44	MD
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.6	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	06/02/2021 06:47	06/02/2021 19:44	MD

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*98.4 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.2 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*94.7 %*	*76-130*

Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/03/2021 12:30	06/03/2021 22:47	YG
107-06-2	1,2-Dichloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/03/2021 12:30	06/03/2021 22:47	YG
106-46-7	1,4-Dichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/03/2021 12:30	06/03/2021 22:47	YG
78-93-3	2-Butanone	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/03/2021 12:30	06/03/2021 22:47	YG
71-43-2	Benzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/03/2021 12:30	06/03/2021 22:47	YG
56-23-5	Carbon tetrachloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/03/2021 12:30	06/03/2021 22:47	YG

Sample Information

Client Sample ID: WC-CS-Q6 9' **York Sample ID:** 21E1255-30

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 1:05 pm	05/28/2021

Volatile Organics, TCLP RCRA List

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

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311	06/03/2021 12:30	06/03/2021 22:47	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
67-66-3	Chloroform	ND		ug/L	25	50	10	EPA 8260C/1311	06/03/2021 12:30	06/03/2021 22:47	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
127-18-4	Tetrachloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311	06/03/2021 12:30	06/03/2021 22:47	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
79-01-6	Trichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311	06/03/2021 12:30	06/03/2021 22:47	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
75-01-4	Vinyl Chloride	ND		ug/L	25	50	10	EPA 8260C/1311	06/03/2021 12:30	06/03/2021 22:47	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*77-125*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*94.6 %*	*76-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.7 %*	*85-120*

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	06/01/2021 10:19	06/01/2021 18:03	ALH
							Certifications: CTDOH			

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes: **Sample Notes:** **EXT-Temp**

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	06/01/2021 14:37	06/02/2021 12:56	TAJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: WC-CS-Q6 13' **York Sample ID:** 21E1255-31

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 1:10 pm	05/28/2021

Volatile Organics, 8260 - Comprehensive

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

Sample Information

Client Sample ID: WC-CS-Q6 13' **York Sample ID:** 21E1255-31

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 1:10 pm	05/28/2021

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	MD
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:11 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:11 NELAC-NY10854,NELAC-NY12058,NJDEP	MD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:11 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
123-91-1	1,4-Dioxane	ND		ug/kg dry	53	110	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:11 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
78-93-3	2-Butanone	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
591-78-6	2-Hexanone	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
67-64-1	Acetone	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD

Sample Information

Client Sample ID: WC-CS-Q6 13'

York Sample ID: 21E1255-31

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 1:10 pm	05/28/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications:	06/02/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/02/2021 20:11	MD
107-13-1	Acrylonitrile	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/02/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/02/2021 20:11	MD
71-43-2	Benzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/02/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/02/2021 20:11	MD
74-97-5	Bromochloromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/02/2021 06:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/02/2021 20:11	MD
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/02/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/02/2021 20:11	MD
75-25-2	Bromoform	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/02/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/02/2021 20:11	MD
74-83-9	Bromomethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/02/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/02/2021 20:11	MD
75-15-0	Carbon disulfide	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/02/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/02/2021 20:11	MD
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/02/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/02/2021 20:11	MD
108-90-7	Chlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/02/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/02/2021 20:11	MD
75-00-3	Chloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/02/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/02/2021 20:11	MD
67-66-3	Chloroform	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/02/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/02/2021 20:11	MD
74-87-3	Chloromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/02/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/02/2021 20:11	MD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/02/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/02/2021 20:11	MD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/02/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/02/2021 20:11	MD
110-82-7	Cyclohexane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/02/2021 06:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/02/2021 20:11	MD
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/02/2021 06:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/02/2021 20:11	MD
74-95-3	Dibromomethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/02/2021 06:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/02/2021 20:11	MD
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/02/2021 06:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/02/2021 20:11	MD
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/02/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/02/2021 20:11	MD
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/02/2021 06:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/02/2021 20:11	MD
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/02/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/02/2021 20:11	MD
79-20-9	Methyl acetate	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/02/2021 06:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/02/2021 20:11	MD

Sample Information

Client Sample ID: WC-CS-Q6 13'

York Sample ID: 21E1255-31

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 1:10 pm	05/28/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:11 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-09-2	Methylene chloride	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
95-47-6	o-Xylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:11 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	MD
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:11 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	MD
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
100-42-5	Styrene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:11 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
127-18-4	**Tetrachloroethylene**	**30**	QL-02	ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
108-88-3	Toluene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:11 CTDOH	MD
79-01-6	Trichloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.0	16	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	MD

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*98.1 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.2 %*	*85-120*

Sample Information

Client Sample ID: WC-CS-Q6 13'

York Sample ID: 21E1255-31

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 1:10 pm	05/28/2021

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*	*91.5 %*			*76-130*						

Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/03/2021 12:30	06/03/2021 23:14	YG
107-06-2	1,2-Dichloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/03/2021 12:30	06/03/2021 23:14	YG
106-46-7	1,4-Dichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/03/2021 12:30	06/03/2021 23:14	YG
78-93-3	2-Butanone	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/03/2021 12:30	06/03/2021 23:14	YG
71-43-2	Benzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/03/2021 12:30	06/03/2021 23:14	YG
56-23-5	Carbon tetrachloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/03/2021 12:30	06/03/2021 23:14	YG
108-90-7	Chlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/03/2021 12:30	06/03/2021 23:14	YG
67-66-3	Chloroform	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/03/2021 12:30	06/03/2021 23:14	YG
127-18-4	Tetrachloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/03/2021 12:30	06/03/2021 23:14	YG
79-01-6	Trichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/03/2021 12:30	06/03/2021 23:14	YG
75-01-4	Vinyl Chloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/03/2021 12:30	06/03/2021 23:14	YG

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*77-125*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*93.9 %*	*76-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.5 %*	*85-120*

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**	**90.8**		%	0.100	1	SM 2540G Certifications: CTDOH	06/01/2021 10:19	06/01/2021 18:03	ALH

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes: **EXT-Temp**

Sample Information

Client Sample ID: WC-CS-Q6 13' **York Sample ID:** 21E1255-31

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 1:10 pm	05/28/2021

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	06/01/2021 14:37	06/02/2021 12:56	TAJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: WC-CS-Q6 19' **York Sample ID:** 21E1255-32

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 1:20 pm	05/28/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	06/02/2021 06:47	06/02/2021 20:38	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	06/02/2021 06:47	06/02/2021 20:38	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	06/02/2021 06:47	06/02/2021 20:38	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	06/02/2021 06:47	06/02/2021 20:38	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	06/02/2021 06:47	06/02/2021 20:38	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	06/02/2021 06:47	06/02/2021 20:38	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	06/02/2021 06:47	06/02/2021 20:38	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	06/02/2021 06:47	06/02/2021 20:38	MD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	06/02/2021 06:47	06/02/2021 20:38	MD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	06/02/2021 06:47	06/02/2021 20:38	MD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	06/02/2021 06:47	06/02/2021 20:38	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	06/02/2021 06:47	06/02/2021 20:38	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	06/02/2021 06:47	06/02/2021 20:38	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	06/02/2021 06:47	06/02/2021 20:38	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	06/02/2021 06:47	06/02/2021 20:38	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: WC-CS-Q6 19'

York Sample ID: 21E1255-32

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 1:20 pm	05/28/2021

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		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
123-91-1	1,4-Dioxane	ND		ug/kg dry	57	110	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:38 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
78-93-3	2-Butanone	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
591-78-6	2-Hexanone	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
67-64-1	Acetone	ND		ug/kg dry	5.7	11	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
107-02-8	Acrolein	ND		ug/kg dry	5.7	11	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
107-13-1	Acrylonitrile	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
71-43-2	Benzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
74-97-5	Bromochloromethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:38 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-25-2	Bromoform	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
74-83-9	Bromomethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-15-0	Carbon disulfide	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
108-90-7	Chlorobenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-00-3	Chloroethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
67-66-3	Chloroform	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
74-87-3	Chloromethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD

Sample Information

Client Sample ID: WC-CS-Q6 19' **York Sample ID:** 21E1255-32

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 1:20 pm	05/28/2021

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		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
110-82-7	Cyclohexane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:38 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:38 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
74-95-3	Dibromomethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:38 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:38 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:38 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
79-20-9	Methyl acetate	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:38 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:38 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-09-2	Methylene chloride	ND		ug/kg dry	5.7	11	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
95-47-6	o-Xylene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:38 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	MD
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.7	11	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:38 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	MD
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
100-42-5	Styrene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:38 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
127-18-4	**Tetrachloroethylene**	**27**	QL-02	ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
108-88-3	Toluene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 20:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD

Sample Information

Client Sample ID: WC-CS-Q6 19' **York Sample ID:** 21E1255-32

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 1:20 pm	05/28/2021

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		ug/kg dry	2.9	5.7	1	EPA 8260C	06/02/2021 06:47	06/02/2021 20:38	MD
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	06/02/2021 06:47	06/02/2021 20:38	MD
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	06/02/2021 06:47	06/02/2021 20:38	MD
								Certifications: CTDOH			
79-01-6	Trichloroethylene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	06/02/2021 06:47	06/02/2021 20:38	MD
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	06/02/2021 06:47	06/02/2021 20:38	MD
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	06/02/2021 06:47	06/02/2021 20:38	MD
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.6	17	1	EPA 8260C	06/02/2021 06:47	06/02/2021 20:38	MD
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*96.4 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.3 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*94.9 %*	*76-130*

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**92.5**		%	0.100	1	SM 2540G	06/04/2021 17:08	06/04/2021 17:11	LJ
							Certifications: CTDOH			

Sample Information

Client Sample ID: WC-CS-Q6 21' **York Sample ID:** 21E1255-33

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 1:30 pm	05/28/2021

Volatile Organics, 8260 - Comprehensive

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	06/02/2021 06:47	06/02/2021 21:05	MD
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			

Sample Information

Client Sample ID: WC-CS-Q6 21'

York Sample ID: 21E1255-33

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 1:30 pm	05/28/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	MD
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:05 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:05 NELAC-NY10854,NELAC-NY12058,NJDEP	MD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:05 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
123-91-1	1,4-Dioxane	ND		ug/kg dry	44	87	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:05 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
78-93-3	2-Butanone	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
591-78-6	2-Hexanone	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
67-64-1	Acetone	ND		ug/kg dry	4.4	8.7	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD

Sample Information

Client Sample ID: WC-CS-Q6 21'

York Sample ID: 21E1255-33

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 1:30 pm	05/28/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND		ug/kg dry	4.4	8.7	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
107-13-1	Acrylonitrile	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
71-43-2	Benzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
74-97-5	Bromochloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:05 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-25-2	Bromoform	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
74-83-9	Bromomethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-15-0	Carbon disulfide	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
108-90-7	Chlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-00-3	Chloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
67-66-3	Chloroform	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
74-87-3	Chloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
110-82-7	Cyclohexane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:05 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:05 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
74-95-3	Dibromomethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:05 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:05 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:05 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
79-20-9	Methyl acetate	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:05 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD

Sample Information

Client Sample ID: WC-CS-Q6 21'

York Sample ID: 21E1255-33

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 1:30 pm	05/28/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:05 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-09-2	Methylene chloride	ND		ug/kg dry	4.4	8.7	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
95-47-6	o-Xylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:05 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	MD
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.4	8.7	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:05 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	MD
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
100-42-5	Styrene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:05 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
127-18-4	**Tetrachloroethylene**	**77**	QL-02	ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
108-88-3	Toluene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:05 CTDOH	MD
79-01-6	Trichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.5	13	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	MD

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*98.4 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.4 %*	*85-120*

Sample Information

Client Sample ID: WC-CS-Q6 21'

York Sample ID: 21E1255-33

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 1:30 pm	05/28/2021

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*	*95.1 %*			*76-130*						

Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/03/2021 12:30	06/03/2021 23:40	YG
107-06-2	1,2-Dichloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/03/2021 12:30	06/03/2021 23:40	YG
106-46-7	1,4-Dichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/03/2021 12:30	06/03/2021 23:40	YG
78-93-3	2-Butanone	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/03/2021 12:30	06/03/2021 23:40	YG
71-43-2	Benzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/03/2021 12:30	06/03/2021 23:40	YG
56-23-5	Carbon tetrachloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/03/2021 12:30	06/03/2021 23:40	YG
108-90-7	Chlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/03/2021 12:30	06/03/2021 23:40	YG
67-66-3	Chloroform	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/03/2021 12:30	06/03/2021 23:40	YG
127-18-4	Tetrachloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/03/2021 12:30	06/03/2021 23:40	YG
79-01-6	Trichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/03/2021 12:30	06/03/2021 23:40	YG
75-01-4	Vinyl Chloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/03/2021 12:30	06/03/2021 23:40	YG

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*77-125*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*94.1 %*	*76-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.3 %*	*85-120*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**94.2**		%	0.100	1	SM 2540G Certifications: CTDOH	06/01/2021 10:19	06/01/2021 18:03	ALH

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes: **EXT-Temp**

Sample Information

Client Sample ID: WC-CS-Q6 21' **York Sample ID:** 21E1255-33

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 1:30 pm	05/28/2021

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	06/01/2021 14:37	06/02/2021 12:56	TAJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: WC-HF-Q6 **York Sample ID:** 21E1255-34

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 1:50 pm	05/28/2021

Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311	06/03/2021 12:30	06/04/2021 00:06	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
107-06-2	1,2-Dichloroethane	ND		ug/L	25	50	10	EPA 8260C/1311	06/03/2021 12:30	06/04/2021 00:06	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
106-46-7	1,4-Dichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311	06/03/2021 12:30	06/04/2021 00:06	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
78-93-3	2-Butanone	ND		ug/L	25	50	10	EPA 8260C/1311	06/03/2021 12:30	06/04/2021 00:06	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
71-43-2	Benzene	ND		ug/L	25	50	10	EPA 8260C/1311	06/03/2021 12:30	06/04/2021 00:06	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
56-23-5	Carbon tetrachloride	ND		ug/L	25	50	10	EPA 8260C/1311	06/03/2021 12:30	06/04/2021 00:06	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
108-90-7	Chlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311	06/03/2021 12:30	06/04/2021 00:06	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
67-66-3	Chloroform	ND		ug/L	25	50	10	EPA 8260C/1311	06/03/2021 12:30	06/04/2021 00:06	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
127-18-4	Tetrachloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311	06/03/2021 12:30	06/04/2021 00:06	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
79-01-6	Trichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311	06/03/2021 12:30	06/04/2021 00:06	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
75-01-4	Vinyl Chloride	ND		ug/L	25	50	10	EPA 8260C/1311	06/03/2021 12:30	06/04/2021 00:06	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*77-125*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*94.3 %*	*76-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.1 %*	*85-120*

Sample Information

Client Sample ID: WC-HF-Q6 **York Sample ID:** 21E1255-34

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 1:50 pm	05/28/2021

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	6.45	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP	06/02/2021 12:47	06/03/2021 19:28	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	7.22	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 12:47	06/03/2021 19:28	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	6.54	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 12:47	06/03/2021 19:28	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	4.73	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 12:47	06/03/2021 19:28	KH
95-48-7	2-Methylphenol	ND		ug/L	1.71	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 12:47	06/03/2021 19:28	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	7.43	20.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 12:47	06/03/2021 19:28	KH
1319-77-3	Cresols, total	ND		ug/L	7.40	30.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854	06/02/2021 12:47	06/03/2021 19:28	KH
118-74-1	Hexachlorobenzene	ND		ug/L	5.91	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 12:47	06/03/2021 19:28	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	6.62	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 12:47	06/03/2021 19:28	KH
67-72-1	Hexachloroethane	ND		ug/L	7.26	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 12:47	06/03/2021 19:28	KH
98-95-3	Nitrobenzene	ND		ug/L	3.93	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 12:47	06/03/2021 19:28	KH
87-86-5	Pentachlorophenol	ND		ug/L	7.53	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 12:47	06/03/2021 19:28	KH
110-86-1	Pyridine	ND		ug/L	6.37	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 12:47	06/03/2021 19:28	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*42.4 %*	*10-90.9*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*31.1 %*	*10-69.2*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*68.8 %*	*19.2-141*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*66.2 %*	*24.8-127*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*96.6 %*	*23-163*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*103 %*	*25.8-110*

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 14:09	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 14:09	CM

Sample Information

Client Sample ID: WC-HF-Q6 **York Sample ID:** 21E1255-34

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 1:50 pm	05/28/2021

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		ug/kg dry	1.82	5	EPA 8081B Certifications:	06/01/2021 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 14:09	CM
309-00-2	Aldrin	ND		ug/kg dry	1.82	5	EPA 8081B Certifications:	06/01/2021 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 14:09	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.82	5	EPA 8081B Certifications:	06/01/2021 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 14:09	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.82	5	EPA 8081B Certifications:	06/01/2021 07:23 NELAC-NY10854,NJDEP	06/02/2021 14:09	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.82	5	EPA 8081B Certifications:	06/01/2021 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 14:09	CM
57-74-9	Chlordane, total	ND		ug/kg dry	36.4	5	EPA 8081B Certifications:	06/01/2021 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 14:09	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.82	5	EPA 8081B Certifications:	06/01/2021 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 14:09	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.82	5	EPA 8081B Certifications:	06/01/2021 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 14:09	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.82	5	EPA 8081B Certifications:	06/01/2021 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 14:09	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.82	5	EPA 8081B Certifications:	06/01/2021 07:23 CTDOH,NELAC-NY10854	06/02/2021 14:09	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.82	5	EPA 8081B Certifications:	06/01/2021 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 14:09	CM
72-20-8	Endrin	ND		ug/kg dry	1.82	5	EPA 8081B Certifications:	06/01/2021 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 14:09	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.82	5	EPA 8081B Certifications:	06/01/2021 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 14:09	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.82	5	EPA 8081B Certifications:	06/01/2021 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 14:09	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.82	5	EPA 8081B Certifications:	06/01/2021 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 14:09	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.82	5	EPA 8081B Certifications:	06/01/2021 07:23 NELAC-NY10854,NJDEP	06/02/2021 14:09	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.82	5	EPA 8081B Certifications:	06/01/2021 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 14:09	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.82	5	EPA 8081B Certifications:	06/01/2021 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 14:09	CM
72-43-5	Methoxychlor	ND		ug/kg dry	9.10	5	EPA 8081B Certifications:	06/01/2021 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 14:09	CM
8001-35-2	Toxaphene	ND		ug/kg dry	92.1	5	EPA 8081B Certifications:	06/01/2021 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 14:09	CM

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*71.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*76.6 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: WC-HF-Q6 **York Sample ID:** 21E1255-34

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 1:50 pm	05/28/2021

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/01/2021 07:23	06/01/2021 17:22	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/01/2021 07:23	06/01/2021 17:22	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/01/2021 07:23	06/01/2021 17:22	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/01/2021 07:23	06/01/2021 17:22	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/01/2021 07:23	06/01/2021 17:22	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/01/2021 07:23	06/01/2021 17:22	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/01/2021 07:23	06/01/2021 17:22	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications:	06/01/2021 07:23	06/01/2021 17:22	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*76.5 %*	*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		ug/kg dry	21.6	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 06:29	06/02/2021 18:17	BJ
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	21.6	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 06:29	06/02/2021 18:17	BJ
94-75-7	2,4-D	ND		ug/kg dry	21.6	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 06:29	06/02/2021 18:17	BJ

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*110 %*	*21-150*

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 EPH

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total EPH	ND		mg/kg dry	54.5	1	NJDEP EPH Rev 3.0 Certifications: NJDEP	06/02/2021 06:36	06/03/2021 09:51	CD

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*70.5 %*	*31.6-128*
84-15-1	*Surrogate: o-Terphenyl*	*72.3 %*	*28.7-124*

Sample Information

Client Sample ID: WC-HF-Q6 **York Sample ID:** 21E1255-34

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 1:50 pm	05/28/2021

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**	**13500**	B	mg/kg dry	5.55	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:40	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	Antimony	ND		mg/kg dry	2.78	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:40	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	**Arsenic**	**3.82**		mg/kg dry	1.67	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:40	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**99.8**		mg/kg dry	2.78	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:40	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		mg/kg dry	0.056	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:40	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	**Cadmium**	**0.435**		mg/kg dry	0.333	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:40	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**2660**	B	mg/kg dry	5.55	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:40	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**18.2**		mg/kg dry	0.555	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:40	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**6.99**		mg/kg dry	0.444	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:40	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**23.2**		mg/kg dry	2.22	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:40	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**15000**		mg/kg dry	27.8	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:40	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**90.0**		mg/kg dry	0.555	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:40	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**2520**	B	mg/kg dry	5.55	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:40	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**466**		mg/kg dry	0.555	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:40	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	Nickel	ND		mg/kg dry	1.11	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:40	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**2480**		mg/kg dry	5.55	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:40	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	2.78	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:40	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.555	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:40	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**172**	B	mg/kg dry	55.5	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:40	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.78	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:40	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**30.6**		mg/kg dry	1.11	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:40	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**100**		mg/kg dry	2.78	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:40	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: WC-HF-Q6 **York Sample ID:** 21E1255-34

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 1:50 pm	05/28/2021

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	0.0333	1	EPA 7473	06/02/2021 08:42	06/02/2021 15:58	BR
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

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**	**90.0**		%	0.100	1	SM 2540G	06/01/2021 10:19	06/01/2021 18:03	ALH
							Certifications: CTDOH			

TCLP Extraction for SVOCS/PEST/HERB

Log-in Notes:

Sample Notes: EXT-Temp

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	06/01/2021 14:20	06/02/2021 11:31	TAJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes: EXT-Temp

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	06/01/2021 14:37	06/02/2021 12:56	TAJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: WC-HF-Q5 **York Sample ID:** 21E1255-35

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 2:00 pm	05/28/2021

Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311	06/03/2021 12:30	06/04/2021 00:33	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
107-06-2	1,2-Dichloroethane	ND		ug/L	25	50	10	EPA 8260C/1311	06/03/2021 12:30	06/04/2021 00:33	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			

Sample Information

Client Sample ID: WC-HF-Q5 **York Sample ID:** 21E1255-35

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 2:00 pm	05/28/2021

Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311	06/03/2021 12:30	06/04/2021 00:33	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
78-93-3	2-Butanone	ND		ug/L	25	50	10	EPA 8260C/1311	06/03/2021 12:30	06/04/2021 00:33	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
71-43-2	Benzene	ND		ug/L	25	50	10	EPA 8260C/1311	06/03/2021 12:30	06/04/2021 00:33	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
56-23-5	Carbon tetrachloride	ND		ug/L	25	50	10	EPA 8260C/1311	06/03/2021 12:30	06/04/2021 00:33	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
108-90-7	Chlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311	06/03/2021 12:30	06/04/2021 00:33	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
67-66-3	Chloroform	ND		ug/L	25	50	10	EPA 8260C/1311	06/03/2021 12:30	06/04/2021 00:33	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
127-18-4	Tetrachloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311	06/03/2021 12:30	06/04/2021 00:33	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
79-01-6	Trichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311	06/03/2021 12:30	06/04/2021 00:33	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
75-01-4	Vinyl Chloride	ND		ug/L	25	50	10	EPA 8260C/1311	06/03/2021 12:30	06/04/2021 00:33	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*93.0 %*	*76-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.7 %*	*85-120*

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	6.45	10.0	1	EPA 8270D/1311	06/02/2021 12:47	06/03/2021 15:51	KH
								Certifications: NELAC-NY10854,PADEP			
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	7.22	10.0	1	EPA 8270D/1311	06/02/2021 12:47	06/03/2021 15:51	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	6.54	10.0	1	EPA 8270D/1311	06/02/2021 12:47	06/03/2021 15:51	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
121-14-2	2,4-Dinitrotoluene	ND		ug/L	4.73	10.0	1	EPA 8270D/1311	06/02/2021 12:47	06/03/2021 15:51	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
95-48-7	2-Methylphenol	ND		ug/L	1.71	10.0	1	EPA 8270D/1311	06/02/2021 12:47	06/03/2021 15:51	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
65794-96-9	3- & 4-Methylphenols	ND		ug/L	7.43	20.0	1	EPA 8270D/1311	06/02/2021 12:47	06/03/2021 15:51	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1319-77-3	Cresols, total	ND		ug/L	7.40	30.0	1	EPA 8270D/1311	06/02/2021 12:47	06/03/2021 15:51	KH
								Certifications: CTDOH,NELAC-NY10854			
118-74-1	Hexachlorobenzene	ND		ug/L	5.91	10.0	1	EPA 8270D/1311	06/02/2021 12:47	06/03/2021 15:51	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: WC-HF-Q5 **York Sample ID:** 21E1255-35

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 2:00 pm	05/28/2021

Semi-Volatiles, TCLP RCRA Target List

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

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/L	6.62	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 12:47	06/03/2021 15:51	KH
67-72-1	Hexachloroethane	ND		ug/L	7.26	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 12:47	06/03/2021 15:51	KH
98-95-3	Nitrobenzene	ND		ug/L	3.93	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 12:47	06/03/2021 15:51	KH
87-86-5	Pentachlorophenol	ND		ug/L	7.53	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 12:47	06/03/2021 15:51	KH
110-86-1	Pyridine	ND		ug/L	6.37	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 12:47	06/03/2021 15:51	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*56.8 %*	*10-90.9*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*41.5 %*	*10-69.2*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*72.4 %*	*19.2-141*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*71.0 %*	*24.8-127*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*74.4 %*	*23-163*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*103 %*	*25.8-110*

Pesticides, 8081 target list

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 14:25	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 14:25	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 14:25	CM
309-00-2	Aldrin	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 14:25	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 14:25	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	06/01/2021 07:23	06/02/2021 14:25	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 14:25	CM
57-74-9	Chlordane, total	ND		ug/kg dry	36.3	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 14:25	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 14:25	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 14:25	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 14:25	CM

Sample Information

Client Sample ID: WC-HF-Q5 **York Sample ID:** 21E1255-35

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 2:00 pm	05/28/2021

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		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	06/01/2021 07:23	06/02/2021 14:25	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 14:25	CM
72-20-8	Endrin	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 14:25	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 14:25	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 14:25	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 14:25	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	06/01/2021 07:23	06/02/2021 14:25	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 14:25	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 14:25	CM
72-43-5	Methoxychlor	ND		ug/kg dry	9.08	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 14:25	CM
8001-35-2	Toxaphene	ND		ug/kg dry	91.9	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 14:25	CM

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*82.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*65.9 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/01/2021 07:23	06/01/2021 17:35	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/01/2021 07:23	06/01/2021 17:35	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/01/2021 07:23	06/01/2021 17:35	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/01/2021 07:23	06/01/2021 17:35	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/01/2021 07:23	06/01/2021 17:35	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/01/2021 07:23	06/01/2021 17:35	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/01/2021 07:23	06/01/2021 17:35	BJ

Sample Information

Client Sample ID: WC-HF-Q5 **York Sample ID:** 21E1255-35

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 2:00 pm	05/28/2021

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications:	06/01/2021 07:23	06/01/2021 17:35	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*60.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*56.0 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/kg dry	22.1	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 06:29	06/02/2021 18:27	BJ
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	22.1	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 06:29	06/02/2021 18:27	BJ
94-75-7	2,4-D	ND		ug/kg dry	22.1	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 06:29	06/02/2021 18:27	BJ

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*112 %*	*21-150*

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 EPH

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	*** Total EPH**	**434**		mg/kg dry	109	2	NJDEP EPH Rev 3.0 Certifications: NJDEP	06/02/2021 06:36	06/03/2021 11:19	CD

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*65.0 %*	*31.6-128*
84-15-1	*Surrogate: o-Terphenyl*	*67.4 %*	*28.7-124*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**13500**	B	mg/kg dry	5.54	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 11:35	06/03/2021 11:43	EM
7440-36-0	Antimony	ND		mg/kg dry	2.77	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 11:35	06/03/2021 11:43	EM
7440-38-2	**Arsenic**	**6.29**		mg/kg dry	1.66	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 11:35	06/03/2021 11:43	EM

Sample Information

Client Sample ID: WC-HF-Q5 **York Sample ID:** 21E1255-35

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 2:00 pm	05/28/2021

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**	**162**		mg/kg dry	2.77	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:43	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		mg/kg dry	0.055	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:43	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	**Cadmium**	**0.578**		mg/kg dry	0.332	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:43	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**1910**	B	mg/kg dry	5.54	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:43	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**21.1**		mg/kg dry	0.554	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:43	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**7.16**		mg/kg dry	0.443	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:43	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**55.1**		mg/kg dry	2.21	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:43	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**14600**		mg/kg dry	27.7	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:43	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**262**		mg/kg dry	0.554	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:43	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**2210**	B	mg/kg dry	5.54	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:43	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**373**		mg/kg dry	0.554	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:43	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	Nickel	ND		mg/kg dry	1.11	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:43	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**2620**		mg/kg dry	5.54	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:43	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	2.77	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:43	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.554	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:43	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**145**	B	mg/kg dry	55.4	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:43	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.77	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:43	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**26.2**		mg/kg dry	1.11	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:43	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**184**		mg/kg dry	2.77	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:43	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

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: WC-HF-Q5 **York Sample ID:** 21E1255-35

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 2:00 pm	05/28/2021

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**	**0.192**		mg/kg dry	0.0332	1	EPA 7473	06/02/2021 08:42	06/02/2021 16:07	BR
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

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	06/01/2021 10:19	06/01/2021 18:03	ALH
							Certifications: CTDOH			

TCLP Extraction for SVOCS/PEST/HERB

Log-in Notes:

Sample Notes: EXT-Temp

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	06/01/2021 14:20	06/02/2021 11:31	TAJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes: EXT-Temp

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	06/01/2021 14:37	06/02/2021 12:56	TAJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: WC-HF-Q4 **York Sample ID:** 21E1255-36

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 2:15 pm	05/28/2021

Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311	06/03/2021 12:30	06/04/2021 00:59	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
107-06-2	1,2-Dichloroethane	ND		ug/L	25	50	10	EPA 8260C/1311	06/03/2021 12:30	06/04/2021 00:59	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			

Sample Information

Client Sample ID: WC-HF-Q4 **York Sample ID:** 21E1255-36

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 2:15 pm	05/28/2021

Volatile Organics, TCLP RCRA List

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

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311	06/03/2021 12:30	06/04/2021 00:59	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
78-93-3	2-Butanone	ND		ug/L	25	50	10	EPA 8260C/1311	06/03/2021 12:30	06/04/2021 00:59	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
71-43-2	Benzene	ND		ug/L	25	50	10	EPA 8260C/1311	06/03/2021 12:30	06/04/2021 00:59	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
56-23-5	Carbon tetrachloride	ND		ug/L	25	50	10	EPA 8260C/1311	06/03/2021 12:30	06/04/2021 00:59	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
108-90-7	Chlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311	06/03/2021 12:30	06/04/2021 00:59	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
67-66-3	Chloroform	ND		ug/L	25	50	10	EPA 8260C/1311	06/03/2021 12:30	06/04/2021 00:59	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
127-18-4	Tetrachloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311	06/03/2021 12:30	06/04/2021 00:59	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
79-01-6	Trichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311	06/03/2021 12:30	06/04/2021 00:59	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
75-01-4	Vinyl Chloride	ND		ug/L	25	50	10	EPA 8260C/1311	06/03/2021 12:30	06/04/2021 00:59	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*77-125*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*93.8 %*	*76-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.4 %*	*85-120*

Semi-Volatiles, TCLP RCRA Target List

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

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	6.45	10.0	1	EPA 8270D/1311	06/02/2021 12:47	06/03/2021 16:20	KH
								Certifications: NELAC-NY10854,PADEP			
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	7.22	10.0	1	EPA 8270D/1311	06/02/2021 12:47	06/03/2021 16:20	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	6.54	10.0	1	EPA 8270D/1311	06/02/2021 12:47	06/03/2021 16:20	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
121-14-2	2,4-Dinitrotoluene	ND		ug/L	4.73	10.0	1	EPA 8270D/1311	06/02/2021 12:47	06/03/2021 16:20	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
95-48-7	2-Methylphenol	ND		ug/L	1.71	10.0	1	EPA 8270D/1311	06/02/2021 12:47	06/03/2021 16:20	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
65794-96-9	3- & 4-Methylphenols	ND		ug/L	7.43	20.0	1	EPA 8270D/1311	06/02/2021 12:47	06/03/2021 16:20	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1319-77-3	Cresols, total	ND		ug/L	7.40	30.0	1	EPA 8270D/1311	06/02/2021 12:47	06/03/2021 16:20	KH
								Certifications: CTDOH,NELAC-NY10854			
118-74-1	Hexachlorobenzene	ND		ug/L	5.91	10.0	1	EPA 8270D/1311	06/02/2021 12:47	06/03/2021 16:20	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: WC-HF-Q4 **York Sample ID:** 21E1255-36

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 2:15 pm	05/28/2021

Semi-Volatiles, TCLP RCRA Target List

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

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/L	6.62	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 12:47	06/03/2021 16:20	KH
67-72-1	Hexachloroethane	ND		ug/L	7.26	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 12:47	06/03/2021 16:20	KH
98-95-3	Nitrobenzene	ND		ug/L	3.93	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 12:47	06/03/2021 16:20	KH
87-86-5	Pentachlorophenol	ND		ug/L	7.53	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 12:47	06/03/2021 16:20	KH
110-86-1	Pyridine	ND		ug/L	6.37	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 12:47	06/03/2021 16:20	KH

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*53.0 %*		*10-90.9*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*39.1 %*		*10-69.2*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*67.2 %*		*19.2-141*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*67.8 %*		*24.8-127*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*73.5 %*		*23-163*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*114 %*	S-08	*25.8-110*

Pesticides, 8081 target list

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 14:42	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 14:42	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 14:42	CM
309-00-2	Aldrin	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 14:42	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 14:42	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	06/01/2021 07:23	06/02/2021 14:42	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 14:42	CM
57-74-9	Chlordane, total	ND		ug/kg dry	36.1	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 14:42	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 14:42	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 14:42	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 14:42	CM

Sample Information

Client Sample ID: WC-HF-Q4 **York Sample ID:** 21E1255-36

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 2:15 pm	05/28/2021

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		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	06/01/2021 07:23	06/02/2021 14:42	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 14:42	CM
72-20-8	Endrin	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 14:42	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 14:42	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 14:42	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 14:42	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	06/01/2021 07:23	06/02/2021 14:42	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 14:42	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 14:42	CM
72-43-5	Methoxychlor	ND		ug/kg dry	9.01	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 14:42	CM
8001-35-2	Toxaphene	ND		ug/kg dry	91.2	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 14:42	CM

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*71.9 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*78.9 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/01/2021 07:23	06/01/2021 17:49	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/01/2021 07:23	06/01/2021 17:49	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/01/2021 07:23	06/01/2021 17:49	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/01/2021 07:23	06/01/2021 17:49	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/01/2021 07:23	06/01/2021 17:49	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/01/2021 07:23	06/01/2021 17:49	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/01/2021 07:23	06/01/2021 17:49	BJ

Sample Information

Client Sample ID: WC-HF-Q4 **York Sample ID:** 21E1255-36

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 2:15 pm	05/28/2021

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications:	06/01/2021 07:23	06/01/2021 17:49	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*75.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*54.5 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/kg dry	21.6	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 06:29	06/02/2021 18:38	BJ
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	21.6	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 06:29	06/02/2021 18:38	BJ
94-75-7	2,4-D	ND		ug/kg dry	21.6	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 06:29	06/02/2021 18:38	BJ

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*113 %*	*21-150*

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 EPH

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total EPH	ND		mg/kg dry	53.9	1	NJDEP EPH Rev 3.0 Certifications: NJDEP	06/02/2021 06:36	06/03/2021 10:20	CD

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*61.5 %*	*31.6-128*
84-15-1	*Surrogate: o-Terphenyl*	*61.3 %*	*28.7-124*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**12600**	B	mg/kg dry	5.50	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 11:35	06/03/2021 11:46	EM
7440-36-0	Antimony	ND		mg/kg dry	2.75	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 11:35	06/03/2021 11:46	EM
7440-38-2	**Arsenic**	**2.60**		mg/kg dry	1.65	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 11:35	06/03/2021 11:46	EM

Sample Information

Client Sample ID: **WC-HF-Q4** **York Sample ID:** **21E1255-36**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 2:15 pm	05/28/2021

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**	**41.1**		mg/kg dry	2.75	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:46	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		mg/kg dry	0.055	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:46	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/kg dry	0.330	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:46	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**1440**	B	mg/kg dry	5.50	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:46	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**16.6**		mg/kg dry	0.550	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:46	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**6.71**		mg/kg dry	0.440	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:46	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**9.91**		mg/kg dry	2.20	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:46	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**13100**		mg/kg dry	27.5	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:46	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**11.1**		mg/kg dry	0.550	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:46	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**2120**	B	mg/kg dry	5.50	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:46	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**379**		mg/kg dry	0.550	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:46	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	Nickel	ND		mg/kg dry	1.10	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:46	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**2590**		mg/kg dry	5.50	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:46	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	2.75	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:46	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.550	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:46	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**126**	B	mg/kg dry	55.0	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:46	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.75	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:46	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**22.2**		mg/kg dry	1.10	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:46	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**26.2**		mg/kg dry	2.75	1	EPA 6010D	06/01/2021 11:35	06/03/2021 11:46	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

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: WC-HF-Q4 **York Sample ID:** 21E1255-36

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 2:15 pm	05/28/2021

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**	**0.166**		mg/kg dry	0.0330	1	EPA 7473	06/02/2021 08:42	06/02/2021 16:16	BR
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.9**		%	0.100	1	SM 2540G	06/01/2021 10:19	06/01/2021 18:03	ALH
							Certifications: CTDOH			

TCLP Extraction for SVOCS/PEST/HERB

Log-in Notes:

Sample Notes: EXT-Temp

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	06/01/2021 14:20	06/02/2021 11:31	TAJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes: EXT-Temp

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	06/01/2021 14:37	06/02/2021 12:56	TAJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: WC-HF-Q3 **York Sample ID:** 21E1255-37

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 2:30 pm	05/28/2021

Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311	06/03/2021 12:30	06/04/2021 01:25	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
107-06-2	1,2-Dichloroethane	ND		ug/L	25	50	10	EPA 8260C/1311	06/03/2021 12:30	06/04/2021 01:25	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			

Sample Information

Client Sample ID: WC-HF-Q3 **York Sample ID:** 21E1255-37

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 2:30 pm	05/28/2021

Volatile Organics, TCLP RCRA List

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

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/03/2021 12:30	06/04/2021 01:25	YG
78-93-3	2-Butanone	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/03/2021 12:30	06/04/2021 01:25	YG
71-43-2	Benzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/03/2021 12:30	06/04/2021 01:25	YG
56-23-5	Carbon tetrachloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/03/2021 12:30	06/04/2021 01:25	YG
108-90-7	Chlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/03/2021 12:30	06/04/2021 01:25	YG
67-66-3	Chloroform	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/03/2021 12:30	06/04/2021 01:25	YG
127-18-4	Tetrachloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/03/2021 12:30	06/04/2021 01:25	YG
79-01-6	Trichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/03/2021 12:30	06/04/2021 01:25	YG
75-01-4	Vinyl Chloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/03/2021 12:30	06/04/2021 01:25	YG

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*94.4 %*	*76-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.7 %*	*85-120*

Semi-Volatiles, TCLP RCRA Target List

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

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	6.45	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP	06/02/2021 12:47	06/03/2021 16:50	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	7.22	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 12:47	06/03/2021 16:50	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	6.54	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 12:47	06/03/2021 16:50	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	4.73	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 12:47	06/03/2021 16:50	KH
95-48-7	2-Methylphenol	ND		ug/L	1.71	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 12:47	06/03/2021 16:50	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	7.43	20.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 12:47	06/03/2021 16:50	KH
1319-77-3	Cresols, total	ND		ug/L	7.40	30.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854	06/02/2021 12:47	06/03/2021 16:50	KH
118-74-1	Hexachlorobenzene	ND		ug/L	5.91	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 12:47	06/03/2021 16:50	KH

Sample Information

Client Sample ID: WC-HF-Q3 **York Sample ID:** 21E1255-37

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 2:30 pm	05/28/2021

Semi-Volatiles, TCLP RCRA Target List

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

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/L	6.62	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 12:47	06/03/2021 16:50	KH
67-72-1	Hexachloroethane	ND		ug/L	7.26	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 12:47	06/03/2021 16:50	KH
98-95-3	Nitrobenzene	ND		ug/L	3.93	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 12:47	06/03/2021 16:50	KH
87-86-5	Pentachlorophenol	ND		ug/L	7.53	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 12:47	06/03/2021 16:50	KH
110-86-1	Pyridine	ND		ug/L	6.37	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 12:47	06/03/2021 16:50	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*63.7 %*	*10-90.9*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*45.1 %*	*10-69.2*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*83.0 %*	*19.2-141*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*82.2 %*	*24.8-127*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*80.2 %*	*23-163*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*109 %*	*25.8-110*

Pesticides, 8081 target list

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 14:59	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 14:59	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 14:59	CM
309-00-2	Aldrin	ND		ug/kg dry	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 14:59	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 14:59	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.75	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	06/01/2021 07:23	06/02/2021 14:59	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 14:59	CM
57-74-9	Chlordane, total	ND		ug/kg dry	35.0	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 14:59	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 14:59	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 14:59	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 14:59	CM

Sample Information

Client Sample ID: WC-HF-Q3 **York Sample ID:** 21E1255-37

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 2:30 pm	05/28/2021

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		ug/kg dry	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	06/01/2021 07:23	06/02/2021 14:59	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 14:59	CM
72-20-8	Endrin	ND		ug/kg dry	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 14:59	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 14:59	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 14:59	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 14:59	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.75	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	06/01/2021 07:23	06/02/2021 14:59	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 14:59	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 14:59	CM
72-43-5	Methoxychlor	ND		ug/kg dry	8.74	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 14:59	CM
8001-35-2	Toxaphene	ND		ug/kg dry	88.5	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 14:59	CM

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*86.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*87.1 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/01/2021 07:23	06/01/2021 18:03	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/01/2021 07:23	06/01/2021 18:03	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/01/2021 07:23	06/01/2021 18:03	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/01/2021 07:23	06/01/2021 18:03	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/01/2021 07:23	06/01/2021 18:03	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/01/2021 07:23	06/01/2021 18:03	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/01/2021 07:23	06/01/2021 18:03	BJ

Sample Information

Client Sample ID: WC-HF-Q3 **York Sample ID:** 21E1255-37

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 2:30 pm	05/28/2021

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications:	06/01/2021 07:23	06/01/2021 18:03	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*87.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*67.5 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/kg dry	21.1	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 06:29	06/02/2021 18:49	BJ
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	21.1	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 06:29	06/02/2021 18:49	BJ
94-75-7	2,4-D	ND		ug/kg dry	21.1	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 06:29	06/02/2021 18:49	BJ

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*111 %*	*21-150*

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 EPH

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total EPH	ND		mg/kg dry	52.3	1	NJDEP EPH Rev 3.0 Certifications: NJDEP	06/02/2021 06:36	06/03/2021 10:50	CD

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*69.1 %*	*31.6-128*
84-15-1	*Surrogate: o-Terphenyl*	*68.8 %*	*28.7-124*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**9040**		mg/kg dry	5.33	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 15:06	06/03/2021 17:21	EM
7440-36-0	Antimony	ND		mg/kg dry	2.67	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 15:06	06/03/2021 17:21	EM
7440-38-2	**Arsenic**	**2.74**		mg/kg dry	1.60	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 15:06	06/03/2021 17:21	EM

Sample Information

Client Sample ID: **WC-HF-Q3** **York Sample ID:** **21E1255-37**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 2:30 pm	05/28/2021

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**	**26.9**		mg/kg dry	2.67	1	EPA 6010D	06/01/2021 15:06	06/03/2021 17:21	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.053	1	EPA 6010D	06/01/2021 15:06	06/03/2021 17:21	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.320	1	EPA 6010D	06/01/2021 15:06	06/03/2021 17:21	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**801**		mg/kg dry	5.33	1	EPA 6010D	06/01/2021 15:06	06/03/2021 17:21	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**18.0**		mg/kg dry	0.533	1	EPA 6010D	06/01/2021 15:06	06/03/2021 17:21	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**5.42**		mg/kg dry	0.427	1	EPA 6010D	06/01/2021 15:06	06/03/2021 17:21	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**28.6**		mg/kg dry	2.13	1	EPA 6010D	06/01/2021 15:06	06/03/2021 17:21	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**13900**		mg/kg dry	26.7	1	EPA 6010D	06/01/2021 15:06	06/03/2021 17:21	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**19.0**		mg/kg dry	0.533	1	EPA 6010D	06/01/2021 15:06	06/03/2021 17:21	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**2790**		mg/kg dry	5.33	1	EPA 6010D	06/01/2021 15:06	06/03/2021 17:21	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**284**		mg/kg dry	0.533	1	EPA 6010D	06/01/2021 15:06	06/03/2021 17:21	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/kg dry	1.07	1	EPA 6010D	06/01/2021 15:06	06/03/2021 17:21	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**908**	B	mg/kg dry	5.33	1	EPA 6010D	06/01/2021 15:06	06/03/2021 17:21	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.67	1	EPA 6010D	06/01/2021 15:06	06/03/2021 17:21	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.533	1	EPA 6010D	06/01/2021 15:06	06/03/2021 17:21	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**54.7**		mg/kg dry	53.3	1	EPA 6010D	06/01/2021 15:06	06/03/2021 17:21	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.67	1	EPA 6010D	06/01/2021 15:06	06/03/2021 17:21	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**19.1**		mg/kg dry	1.07	1	EPA 6010D	06/01/2021 15:06	06/03/2021 17:21	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**137**		mg/kg dry	2.67	1	EPA 6010D	06/01/2021 15:06	06/03/2021 17:21	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

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: WC-HF-Q3 **York Sample ID:** 21E1255-37

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 2:30 pm	05/28/2021

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0320	1	EPA 7473	06/02/2021 08:42	06/02/2021 16:46	BR
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**93.8**		%	0.100	1	SM 2540G	06/01/2021 10:19	06/01/2021 18:03	ALH
							Certifications: CTDOH			

TCLP Extraction for SVOCS/PEST/HERB

Log-in Notes:

Sample Notes: EXT-Temp

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	06/01/2021 14:20	06/02/2021 11:31	TAJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes: EXT-Temp

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	06/01/2021 14:37	06/02/2021 12:56	TAJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: WC-HF-Q2 **York Sample ID:** 21E1255-38

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 2:40 pm	05/28/2021

Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311	06/03/2021 12:30	06/04/2021 01:52	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
107-06-2	1,2-Dichloroethane	ND		ug/L	25	50	10	EPA 8260C/1311	06/03/2021 12:30	06/04/2021 01:52	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			

Sample Information

Client Sample ID: WC-HF-Q2 **York Sample ID:** 21E1255-38

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 2:40 pm	05/28/2021

Volatile Organics, TCLP RCRA List

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

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311	06/03/2021 12:30	06/04/2021 01:52	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
78-93-3	2-Butanone	ND		ug/L	25	50	10	EPA 8260C/1311	06/03/2021 12:30	06/04/2021 01:52	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
71-43-2	Benzene	ND		ug/L	25	50	10	EPA 8260C/1311	06/03/2021 12:30	06/04/2021 01:52	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
56-23-5	Carbon tetrachloride	ND		ug/L	25	50	10	EPA 8260C/1311	06/03/2021 12:30	06/04/2021 01:52	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
108-90-7	Chlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311	06/03/2021 12:30	06/04/2021 01:52	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
67-66-3	Chloroform	ND		ug/L	25	50	10	EPA 8260C/1311	06/03/2021 12:30	06/04/2021 01:52	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
127-18-4	Tetrachloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311	06/03/2021 12:30	06/04/2021 01:52	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
79-01-6	Trichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311	06/03/2021 12:30	06/04/2021 01:52	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
75-01-4	Vinyl Chloride	ND		ug/L	25	50	10	EPA 8260C/1311	06/03/2021 12:30	06/04/2021 01:52	YG
								Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*94.0 %*	*76-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.4 %*	*85-120*

Semi-Volatiles, TCLP RCRA Target List

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

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	6.45	10.0	1	EPA 8270D/1311	06/02/2021 12:47	06/03/2021 17:19	KH
								Certifications: NELAC-NY10854,PADEP			
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	7.22	10.0	1	EPA 8270D/1311	06/02/2021 12:47	06/03/2021 17:19	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	6.54	10.0	1	EPA 8270D/1311	06/02/2021 12:47	06/03/2021 17:19	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
121-14-2	2,4-Dinitrotoluene	ND		ug/L	4.73	10.0	1	EPA 8270D/1311	06/02/2021 12:47	06/03/2021 17:19	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
95-48-7	2-Methylphenol	ND		ug/L	1.71	10.0	1	EPA 8270D/1311	06/02/2021 12:47	06/03/2021 17:19	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
65794-96-9	3- & 4-Methylphenols	ND		ug/L	7.43	20.0	1	EPA 8270D/1311	06/02/2021 12:47	06/03/2021 17:19	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1319-77-3	Cresols, total	ND		ug/L	7.40	30.0	1	EPA 8270D/1311	06/02/2021 12:47	06/03/2021 17:19	KH
								Certifications: CTDOH,NELAC-NY10854			
118-74-1	Hexachlorobenzene	ND		ug/L	5.91	10.0	1	EPA 8270D/1311	06/02/2021 12:47	06/03/2021 17:19	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: WC-HF-Q2 **York Sample ID:** 21E1255-38

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 2:40 pm	05/28/2021

Semi-Volatiles, TCLP RCRA Target List

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

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/L	6.62	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 12:47	06/03/2021 17:19	KH
67-72-1	Hexachloroethane	ND		ug/L	7.26	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 12:47	06/03/2021 17:19	KH
98-95-3	Nitrobenzene	ND		ug/L	3.93	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 12:47	06/03/2021 17:19	KH
87-86-5	Pentachlorophenol	ND		ug/L	7.53	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 12:47	06/03/2021 17:19	KH
110-86-1	Pyridine	ND		ug/L	6.37	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 12:47	06/03/2021 17:19	KH

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*53.2 %*		*10-90.9*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*39.8 %*		*10-69.2*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*67.9 %*		*19.2-141*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*66.7 %*		*24.8-127*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*72.1 %*		*23-163*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*112 %*	S-08	*25.8-110*

Pesticides, 8081 target list

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 15:16	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 15:16	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 15:16	CM
309-00-2	Aldrin	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 15:16	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 15:16	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	06/01/2021 07:23	06/02/2021 15:16	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 15:16	CM
57-74-9	Chlordane, total	ND		ug/kg dry	35.9	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 15:16	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 15:16	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 15:16	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 15:16	CM

Sample Information

Client Sample ID: WC-HF-Q2 **York Sample ID:** 21E1255-38

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 2:40 pm	05/28/2021

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		ug/kg dry	1.80	5	EPA 8081B Certifications:	06/01/2021 07:23 CTDOH,NELAC-NY10854	06/02/2021 15:16	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.80	5	EPA 8081B Certifications:	06/01/2021 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 15:16	CM
72-20-8	Endrin	ND		ug/kg dry	1.80	5	EPA 8081B Certifications:	06/01/2021 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 15:16	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.80	5	EPA 8081B Certifications:	06/01/2021 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 15:16	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.80	5	EPA 8081B Certifications:	06/01/2021 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 15:16	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.80	5	EPA 8081B Certifications:	06/01/2021 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 15:16	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.80	5	EPA 8081B Certifications:	06/01/2021 07:23 NELAC-NY10854,NJDEP	06/02/2021 15:16	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.80	5	EPA 8081B Certifications:	06/01/2021 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 15:16	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.80	5	EPA 8081B Certifications:	06/01/2021 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 15:16	CM
72-43-5	Methoxychlor	ND		ug/kg dry	8.98	5	EPA 8081B Certifications:	06/01/2021 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 15:16	CM
8001-35-2	Toxaphene	ND		ug/kg dry	90.9	5	EPA 8081B Certifications:	06/01/2021 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 15:16	CM

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*83.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*89.7 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications:	06/01/2021 07:23 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/01/2021 18:16	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications:	06/01/2021 07:23 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/01/2021 18:16	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications:	06/01/2021 07:23 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/01/2021 18:16	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications:	06/01/2021 07:23 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/01/2021 18:16	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications:	06/01/2021 07:23 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/01/2021 18:16	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications:	06/01/2021 07:23 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/01/2021 18:16	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications:	06/01/2021 07:23 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/01/2021 18:16	BJ

Sample Information

Client Sample ID: WC-HF-Q2 **York Sample ID:** 21E1255-38

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 2:40 pm	05/28/2021

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications:	06/01/2021 07:23	06/01/2021 18:16	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*88.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*64.0 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/kg dry	21.5	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 06:29	06/02/2021 19:00	BJ
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	21.5	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 06:29	06/02/2021 19:00	BJ
94-75-7	2,4-D	ND		ug/kg dry	21.5	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 06:29	06/02/2021 19:00	BJ

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*115 %*	*21-150*

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 EPH

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total EPH	ND		mg/kg dry	53.7	1	NJDEP EPH Rev 3.0 Certifications: NJDEP	06/02/2021 06:36	06/03/2021 10:50	CD

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*65.1 %*	*31.6-128*
84-15-1	*Surrogate: o-Terphenyl*	*65.7 %*	*28.7-124*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**11100**		mg/kg dry	5.48	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 15:06	06/03/2021 17:25	EM
7440-36-0	Antimony	ND		mg/kg dry	2.74	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 15:06	06/03/2021 17:25	EM
7440-38-2	**Arsenic**	**4.13**		mg/kg dry	1.64	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 15:06	06/03/2021 17:25	EM

Sample Information

Client Sample ID: WC-HF-Q2 **York Sample ID:** 21E1255-38

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 2:40 pm	05/28/2021

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**	**438**		mg/kg dry	2.74	1	EPA 6010D	06/01/2021 15:06	06/03/2021 17:25	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.055	1	EPA 6010D	06/01/2021 15:06	06/03/2021 17:25	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**0.387**		mg/kg dry	0.329	1	EPA 6010D	06/01/2021 15:06	06/03/2021 17:25	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**21300**		mg/kg dry	5.48	1	EPA 6010D	06/01/2021 15:06	06/03/2021 17:25	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**19.5**		mg/kg dry	0.548	1	EPA 6010D	06/01/2021 15:06	06/03/2021 17:25	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**7.34**		mg/kg dry	0.438	1	EPA 6010D	06/01/2021 15:06	06/03/2021 17:25	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**24.1**		mg/kg dry	2.19	1	EPA 6010D	06/01/2021 15:06	06/03/2021 17:25	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**17300**		mg/kg dry	27.4	1	EPA 6010D	06/01/2021 15:06	06/03/2021 17:25	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**140**		mg/kg dry	0.548	1	EPA 6010D	06/01/2021 15:06	06/03/2021 17:25	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**3440**		mg/kg dry	5.48	1	EPA 6010D	06/01/2021 15:06	06/03/2021 17:25	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**348**		mg/kg dry	0.548	1	EPA 6010D	06/01/2021 15:06	06/03/2021 17:25	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/kg dry	1.10	1	EPA 6010D	06/01/2021 15:06	06/03/2021 17:25	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1250**	B	mg/kg dry	5.48	1	EPA 6010D	06/01/2021 15:06	06/03/2021 17:25	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.74	1	EPA 6010D	06/01/2021 15:06	06/03/2021 17:25	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.548	1	EPA 6010D	06/01/2021 15:06	06/03/2021 17:25	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**96.4**		mg/kg dry	54.8	1	EPA 6010D	06/01/2021 15:06	06/03/2021 17:25	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.74	1	EPA 6010D	06/01/2021 15:06	06/03/2021 17:25	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**21.0**		mg/kg dry	1.10	1	EPA 6010D	06/01/2021 15:06	06/03/2021 17:25	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**215**		mg/kg dry	2.74	1	EPA 6010D	06/01/2021 15:06	06/03/2021 17:25	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

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: WC-HF-Q2 **York Sample ID:** 21E1255-38

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 2:40 pm	05/28/2021

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**	**0.349**		mg/kg dry	0.0329	1	EPA 7473	06/02/2021 08:42	06/02/2021 16:55	BR
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.2**		%	0.100	1	SM 2540G	06/01/2021 10:19	06/01/2021 18:03	ALH
							Certifications: CTDOH			

TCLP Extraction for SVOCS/PEST/HERB

Log-in Notes:

Sample Notes: EXT-Temp

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	06/01/2021 14:20	06/02/2021 11:31	TAJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes: EXT-Temp

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	06/01/2021 14:37	06/02/2021 12:56	TAJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: WC-PCE-Q5 1' **York Sample ID:** 21E1255-39

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 2:50 pm	05/28/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/02/2021 06:47	06/02/2021 21:31	MD
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/02/2021 06:47	06/02/2021 21:31	MD
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			

Sample Information

Client Sample ID: WC-PCE-Q5 1'

York Sample ID: 21E1255-39

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 2:50 pm	05/28/2021

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
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	MD
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:31 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:31 NELAC-NY10854,NELAC-NY12058,NJDEP	MD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:31 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
108-67-8	**1,3,5-Trimethylbenzene**	**2.8**	J	ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
123-91-1	1,4-Dioxane	ND		ug/kg dry	51	100	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:31 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
78-93-3	2-Butanone	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
591-78-6	2-Hexanone	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
67-64-1	Acetone	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
107-02-8	Acrolein	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD

Sample Information

Client Sample ID: WC-PCE-Q5 1'

York Sample ID: 21E1255-39

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 2:50 pm	05/28/2021

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
107-13-1	Acrylonitrile	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/02/2021 21:31	MD
71-43-2	Benzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/02/2021 21:31	MD
74-97-5	Bromochloromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/02/2021 21:31	MD
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/02/2021 21:31	MD
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/02/2021 21:31	MD
74-83-9	Bromomethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/02/2021 21:31	MD
75-15-0	Carbon disulfide	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/02/2021 21:31	MD
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/02/2021 21:31	MD
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/02/2021 21:31	MD
75-00-3	Chloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/02/2021 21:31	MD
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/02/2021 21:31	MD
74-87-3	Chloromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/02/2021 21:31	MD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/02/2021 21:31	MD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/02/2021 21:31	MD
110-82-7	Cyclohexane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/02/2021 21:31	MD
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/02/2021 21:31	MD
74-95-3	Dibromomethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/02/2021 21:31	MD
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/02/2021 21:31	MD
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/02/2021 21:31	MD
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/02/2021 21:31	MD
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/02/2021 21:31	MD
79-20-9	Methyl acetate	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/02/2021 21:31	MD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/02/2021 21:31	MD

Sample Information

Client Sample ID: WC-PCE-Q5 1'

York Sample ID: 21E1255-39

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 2:50 pm	05/28/2021

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
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:31	MD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	Methylene chloride	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:31	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:31	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:31	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:31	MD CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:31	MD CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:31	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:31	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-42-5	Styrene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:31	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:31	MD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:31	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
127-18-4	**Tetrachloroethylene**	**27000**	QL-02	ug/kg dry	1500	3000	500	EPA 8260C Certifications:	06/04/2021 06:47	06/04/2021 18:24	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-88-3	Toluene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:31	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:31	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:31	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:31	MD CTDOH
79-01-6	**Trichloroethylene**	**21**	QL-02	ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:31	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:31	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:31	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.7	15	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:31	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*100 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*105 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*76-130*

Sample Information

Client Sample ID: WC-PCE-Q5 1' **York Sample ID:** 21E1255-39

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 2:50 pm	05/28/2021

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**	**86.2**		%	0.100	1	SM 2540G Certifications: CTDOH	06/04/2021 17:08	06/04/2021 17:11	LJ

Sample Information

Client Sample ID: WC-PCE-Q6 2' **York Sample ID:** 21E1255-40

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 3:00 pm	05/28/2021

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/02/2021 06:47	06/02/2021 21:58	MD
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/02/2021 06:47	06/02/2021 21:58	MD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/02/2021 06:47	06/02/2021 21:58	MD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	06/02/2021 06:47	06/02/2021 21:58	MD
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/02/2021 06:47	06/02/2021 21:58	MD
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/02/2021 06:47	06/02/2021 21:58	MD
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/02/2021 06:47	06/02/2021 21:58	MD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/02/2021 06:47	06/02/2021 21:58	MD
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	06/02/2021 06:47	06/02/2021 21:58	MD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/02/2021 06:47	06/02/2021 21:58	MD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/02/2021 06:47	06/02/2021 21:58	MD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/02/2021 06:47	06/02/2021 21:58	MD
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/02/2021 06:47	06/02/2021 21:58	MD
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/02/2021 06:47	06/02/2021 21:58	MD

Sample Information

Client Sample ID: WC-PCE-Q6 2'

York Sample ID: 21E1255-40

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 3:00 pm	05/28/2021

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		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
123-91-1	1,4-Dioxane	ND		ug/kg dry	58	120	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:58 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
78-93-3	2-Butanone	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
591-78-6	2-Hexanone	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
67-64-1	Acetone	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
107-02-8	Acrolein	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
107-13-1	Acrylonitrile	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
71-43-2	Benzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
74-97-5	Bromochloromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:58 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-25-2	Bromoform	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
74-83-9	Bromomethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-15-0	Carbon disulfide	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
108-90-7	Chlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-00-3	Chloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
67-66-3	Chloroform	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
74-87-3	Chloromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD

Sample Information

Client Sample ID: WC-PCE-Q6 2'

York Sample ID: 21E1255-40

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 3:00 pm	05/28/2021

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		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
110-82-7	Cyclohexane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:58 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:58 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
74-95-3	Dibromomethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:58 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:58 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:58 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
79-20-9	Methyl acetate	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:58 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:58 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-09-2	Methylene chloride	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
95-47-6	o-Xylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:58 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	MD
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:58 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	MD
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
100-42-5	Styrene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:58 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
127-18-4	**Tetrachloroethylene**	**14**	QL-02	ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD

Sample Information

Client Sample ID: WC-PCE-Q6 2' **York Sample ID:** 21E1255-40

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 3:00 pm	05/28/2021

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		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:58 CTDOH	MD
79-01-6	Trichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.6	17	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 21:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	MD

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*97.2 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.1 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.1 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**87.3**		%	0.100	1	SM 2540G Certifications: CTDOH	06/04/2021 17:08	06/04/2021 17:11	LJ

Sample Information

Client Sample ID: WC-PCE-Q2-6 0-5' **York Sample ID:** 21E1255-41

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 3:10 pm	05/28/2021

Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

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

Sample Information

Client Sample ID: WC-PCE-Q2-6 0-5' **York Sample ID:** 21E1255-41

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 3:10 pm	05/28/2021

Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/03/2021 12:30	06/04/2021 02:18	YG
107-06-2	1,2-Dichloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/03/2021 12:30	06/04/2021 02:18	YG
106-46-7	1,4-Dichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/03/2021 12:30	06/04/2021 02:18	YG
78-93-3	2-Butanone	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/03/2021 12:30	06/04/2021 02:18	YG
71-43-2	Benzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/03/2021 12:30	06/04/2021 02:18	YG
56-23-5	Carbon tetrachloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/03/2021 12:30	06/04/2021 02:18	YG
108-90-7	Chlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/03/2021 12:30	06/04/2021 02:18	YG
67-66-3	Chloroform	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/03/2021 12:30	06/04/2021 02:18	YG
127-18-4	Tetrachloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/03/2021 12:30	06/04/2021 02:18	YG
79-01-6	Trichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/03/2021 12:30	06/04/2021 02:18	YG
75-01-4	Vinyl Chloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/03/2021 12:30	06/04/2021 02:18	YG

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*77-125*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*94.1 %*	*76-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.5 %*	*85-120*

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	6.45	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP	06/02/2021 12:47	06/03/2021 17:48	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	7.22	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 12:47	06/03/2021 17:48	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	6.54	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 12:47	06/03/2021 17:48	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	4.73	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 12:47	06/03/2021 17:48	KH
95-48-7	2-Methylphenol	ND		ug/L	1.71	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 12:47	06/03/2021 17:48	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	7.43	20.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 12:47	06/03/2021 17:48	KH

Sample Information

Client Sample ID: WC-PCE-Q2-6 0-5' **York Sample ID:** 21E1255-41

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 3:10 pm	05/28/2021

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1319-77-3	Cresols, total	ND		ug/L	7.40	30.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854	06/02/2021 12:47	06/03/2021 17:48	KH
118-74-1	Hexachlorobenzene	ND		ug/L	5.91	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 12:47	06/03/2021 17:48	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	6.62	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 12:47	06/03/2021 17:48	KH
67-72-1	Hexachloroethane	ND		ug/L	7.26	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 12:47	06/03/2021 17:48	KH
98-95-3	Nitrobenzene	ND		ug/L	3.93	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 12:47	06/03/2021 17:48	KH
87-86-5	Pentachlorophenol	ND		ug/L	7.53	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 12:47	06/03/2021 17:48	KH
110-86-1	Pyridine	ND		ug/L	6.37	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 12:47	06/03/2021 17:48	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*50.6 %*	*10-90.9*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*38.3 %*	*10-69.2*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*69.7 %*	*19.2-141*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*68.5 %*	*24.8-127*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*84.0 %*	*23-163*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*108 %*	*25.8-110*

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 15:33	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 15:33	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 15:33	CM
309-00-2	Aldrin	ND		ug/kg dry	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 15:33	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 15:33	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.84	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	06/01/2021 07:23	06/02/2021 15:33	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 15:33	CM
57-74-9	Chlordane, total	ND		ug/kg dry	36.8	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 15:33	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 07:23	06/02/2021 15:33	CM

Sample Information

Client Sample ID: WC-PCE-Q2-6 0-5' **York Sample ID:** 21E1255-41

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 3:10 pm	05/28/2021

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
60-57-1	Dieldrin	ND		ug/kg dry	1.84	5	EPA 8081B Certifications:	06/01/2021 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 15:33	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.84	5	EPA 8081B Certifications:	06/01/2021 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 15:33	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.84	5	EPA 8081B Certifications:	06/01/2021 07:23 CTDOH,NELAC-NY10854	06/02/2021 15:33	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.84	5	EPA 8081B Certifications:	06/01/2021 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 15:33	CM
72-20-8	Endrin	ND		ug/kg dry	1.84	5	EPA 8081B Certifications:	06/01/2021 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 15:33	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.84	5	EPA 8081B Certifications:	06/01/2021 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 15:33	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.84	5	EPA 8081B Certifications:	06/01/2021 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 15:33	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.84	5	EPA 8081B Certifications:	06/01/2021 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 15:33	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.84	5	EPA 8081B Certifications:	06/01/2021 07:23 NELAC-NY10854,NJDEP	06/02/2021 15:33	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.84	5	EPA 8081B Certifications:	06/01/2021 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 15:33	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.84	5	EPA 8081B Certifications:	06/01/2021 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 15:33	CM
72-43-5	Methoxychlor	ND		ug/kg dry	9.20	5	EPA 8081B Certifications:	06/01/2021 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 15:33	CM
8001-35-2	Toxaphene	ND		ug/kg dry	93.2	5	EPA 8081B Certifications:	06/01/2021 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 15:33	CM

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*94.1 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*73.1 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0186	1	EPA 8082A Certifications:	06/01/2021 07:23 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/01/2021 18:30	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0186	1	EPA 8082A Certifications:	06/01/2021 07:23 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/01/2021 18:30	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0186	1	EPA 8082A Certifications:	06/01/2021 07:23 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/01/2021 18:30	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0186	1	EPA 8082A Certifications:	06/01/2021 07:23 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/01/2021 18:30	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0186	1	EPA 8082A Certifications:	06/01/2021 07:23 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/01/2021 18:30	BJ

Sample Information

Client Sample ID: WC-PCE-Q2-6 0-5' **York Sample ID:** 21E1255-41

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 3:10 pm	05/28/2021

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/01/2021 07:23	06/01/2021 18:30	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/01/2021 07:23	06/01/2021 18:30	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0186	1	EPA 8082A Certifications:	06/01/2021 07:23	06/01/2021 18:30	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*71.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*72.0 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/kg dry	22.4	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 06:29	06/02/2021 19:10	BJ
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	22.4	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 06:29	06/02/2021 19:10	BJ
94-75-7	2,4-D	ND		ug/kg dry	22.4	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/02/2021 06:29	06/02/2021 19:10	BJ

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*108 %*	*21-150*

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 EPH

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	*** Total EPH**	**262**		mg/kg dry	55.1	1	NJDEP EPH Rev 3.0 Certifications: NJDEP	06/02/2021 06:36	06/03/2021 11:19	CD

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*63.0 %*	*31.6-128*
84-15-1	*Surrogate: o-Terphenyl*	*67.7 %*	*28.7-124*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**12300**		mg/kg dry	5.62	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 15:06	06/03/2021 17:29	EM
7440-36-0	Antimony	ND		mg/kg dry	2.81	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/01/2021 15:06	06/03/2021 17:29	EM

Sample Information

Client Sample ID: WC-PCE-Q2-6 0-5'

York Sample ID: 21E1255-41

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 3:10 pm	05/28/2021

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**5.84**		mg/kg dry	1.68	1	EPA 6010D	06/01/2021 15:06	06/03/2021 17:29	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**93.7**		mg/kg dry	2.81	1	EPA 6010D	06/01/2021 15:06	06/03/2021 17:29	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		mg/kg dry	0.056	1	EPA 6010D	06/01/2021 15:06	06/03/2021 17:29	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/kg dry	0.337	1	EPA 6010D	06/01/2021 15:06	06/03/2021 17:29	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**2120**		mg/kg dry	5.62	1	EPA 6010D	06/01/2021 15:06	06/03/2021 17:29	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**27.8**		mg/kg dry	0.562	1	EPA 6010D	06/01/2021 15:06	06/03/2021 17:29	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**6.87**		mg/kg dry	0.449	1	EPA 6010D	06/01/2021 15:06	06/03/2021 17:29	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**25.8**		mg/kg dry	2.25	1	EPA 6010D	06/01/2021 15:06	06/03/2021 17:29	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**19300**		mg/kg dry	28.1	1	EPA 6010D	06/01/2021 15:06	06/03/2021 17:29	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**122**		mg/kg dry	0.562	1	EPA 6010D	06/01/2021 15:06	06/03/2021 17:29	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**3000**		mg/kg dry	5.62	1	EPA 6010D	06/01/2021 15:06	06/03/2021 17:29	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**346**		mg/kg dry	0.562	1	EPA 6010D	06/01/2021 15:06	06/03/2021 17:29	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	Nickel	ND		mg/kg dry	1.12	1	EPA 6010D	06/01/2021 15:06	06/03/2021 17:29	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**1120**	B	mg/kg dry	5.62	1	EPA 6010D	06/01/2021 15:06	06/03/2021 17:29	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	2.81	1	EPA 6010D	06/01/2021 15:06	06/03/2021 17:29	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	**Silver**	**45.0**		mg/kg dry	0.562	1	EPA 6010D	06/01/2021 15:06	06/03/2021 17:29	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**105**		mg/kg dry	56.2	1	EPA 6010D	06/01/2021 15:06	06/03/2021 17:29	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.81	1	EPA 6010D	06/01/2021 15:06	06/03/2021 17:29	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**27.1**		mg/kg dry	1.12	1	EPA 6010D	06/01/2021 15:06	06/03/2021 17:29	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**99.6**		mg/kg dry	2.81	1	EPA 6010D	06/01/2021 15:06	06/03/2021 17:29	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: WC-PCE-Q2-6 0-5' **York Sample ID:** 21E1255-41

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 3:10 pm	05/28/2021

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**	**0.290**		mg/kg dry	0.0337	1	EPA 7473	06/02/2021 08:42	06/02/2021 17:04	BR
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.0**		%	0.100	1	SM 2540G	06/01/2021 10:19	06/01/2021 18:03	ALH
							Certifications: CTDOH			

TCLP Extraction for SVOCS/PEST/HERB **Log-in Notes:** **Sample Notes:** EXT-Temp

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	06/01/2021 14:20	06/02/2021 11:31	TAJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

TCLP Extraction for VOA by EPA 1311 ZHE **Log-in Notes:** **Sample Notes:** EXT-Temp

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	06/01/2021 14:37	06/02/2021 12:56	TAJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: WC-CS-Q5 20' **York Sample ID:** 21E1255-42

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 12:10 pm	05/28/2021

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	06/02/2021 06:47	06/02/2021 22:25	MD
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	06/02/2021 06:47	06/02/2021 22:25	MD
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	06/02/2021 06:47	06/02/2021 22:25	MD
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			

Sample Information

Client Sample ID: WC-CS-Q5 20'

York Sample ID: 21E1255-42

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 12:10 pm	05/28/2021

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
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 22:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	MD
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 22:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 22:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 22:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 22:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 22:25 NELAC-NY10854,NELAC-NY12058,NJDEP	MD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 22:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 22:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 22:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 22:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 22:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 22:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 22:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 22:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 22:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 22:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
123-91-1	1,4-Dioxane	ND		ug/kg dry	52	100	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 22:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
78-93-3	2-Butanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 22:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
591-78-6	2-Hexanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 22:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 22:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
67-64-1	Acetone	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 22:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
107-02-8	Acrolein	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 22:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
107-13-1	Acrylonitrile	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 22:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD

Sample Information

Client Sample ID: WC-CS-Q5 20'

York Sample ID: 21E1255-42

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 12:10 pm	05/28/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 22:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
74-97-5	Bromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 22:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 22:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 22:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
74-83-9	Bromomethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 22:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-15-0	Carbon disulfide	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 22:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 22:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 22:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-00-3	Chloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 22:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 22:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
74-87-3	Chloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 22:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 22:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 22:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
110-82-7	Cyclohexane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 22:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 22:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
74-95-3	Dibromomethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 22:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 22:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 22:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 22:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 22:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
79-20-9	Methyl acetate	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 22:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 22:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 22:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD

Sample Information

Client Sample ID: WC-CS-Q5 20'

York Sample ID: 21E1255-42

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 12:10 pm	05/28/2021

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
75-09-2	Methylene chloride	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 22:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 22:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 22:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 22:25 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	MD
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 22:25 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	MD
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 22:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 22:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
100-42-5	Styrene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 22:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 22:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 22:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
127-18-4	**Tetrachloroethylene**	**43**	QL-02	ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 22:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
108-88-3	Toluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 22:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 22:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 22:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 22:25 CTDOH	MD
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 22:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 22:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 22:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.8	16	1	EPA 8260C Certifications:	06/02/2021 06:47	06/02/2021 22:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	MD

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*100 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.2 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*95.7 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: WC-CS-Q5 20' **York Sample ID:** 21E1255-42

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 12:10 pm	05/28/2021

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**95.3**		%	0.100	1	SM 2540G Certifications: CTDOH	06/04/2021 17:08	06/04/2021 17:11	LJ

Sample Information

Client Sample ID: SB 301 14' **York Sample ID:** 21E1255-43

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 11:05 am	05/28/2021

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/03/2021 06:47	06/03/2021 17:31	MD
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/03/2021 06:47	06/03/2021 17:31	MD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/03/2021 06:47	06/03/2021 17:31	MD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	06/03/2021 06:47	06/03/2021 17:31	MD
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/03/2021 06:47	06/03/2021 17:31	MD
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/03/2021 06:47	06/03/2021 17:31	MD
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/03/2021 06:47	06/03/2021 17:31	MD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/03/2021 06:47	06/03/2021 17:31	MD
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	06/03/2021 06:47	06/03/2021 17:31	MD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/03/2021 06:47	06/03/2021 17:31	MD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/03/2021 06:47	06/03/2021 17:31	MD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/03/2021 06:47	06/03/2021 17:31	MD
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/03/2021 06:47	06/03/2021 17:31	MD
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/03/2021 06:47	06/03/2021 17:31	MD
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	06/03/2021 06:47	06/03/2021 17:31	MD

Sample Information

Client Sample ID: SB 301 14'

York Sample ID: 21E1255-43

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 11:05 am	05/28/2021

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		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/03/2021 06:47	06/03/2021 17:31	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/03/2021 06:47	06/03/2021 17:31	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/03/2021 06:47	06/03/2021 17:31	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/03/2021 06:47	06/03/2021 17:31	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
123-91-1	1,4-Dioxane	ND		ug/kg dry	55	110	1	EPA 8260C Certifications:	06/03/2021 06:47	06/03/2021 17:31	MD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/03/2021 06:47	06/03/2021 17:31	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
591-78-6	2-Hexanone	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/03/2021 06:47	06/03/2021 17:31	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/03/2021 06:47	06/03/2021 17:31	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-64-1	Acetone	ND		ug/kg dry	5.5	11	1	EPA 8260C Certifications:	06/03/2021 06:47	06/03/2021 17:31	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-02-8	Acrolein	ND		ug/kg dry	5.5	11	1	EPA 8260C Certifications:	06/03/2021 06:47	06/03/2021 17:31	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-13-1	Acrylonitrile	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/03/2021 06:47	06/03/2021 17:31	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
71-43-2	Benzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/03/2021 06:47	06/03/2021 17:31	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/03/2021 06:47	06/03/2021 17:31	MD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/03/2021 06:47	06/03/2021 17:31	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-25-2	Bromoform	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/03/2021 06:47	06/03/2021 17:31	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-83-9	Bromomethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/03/2021 06:47	06/03/2021 17:31	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-15-0	Carbon disulfide	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/03/2021 06:47	06/03/2021 17:31	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/03/2021 06:47	06/03/2021 17:31	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-90-7	Chlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/03/2021 06:47	06/03/2021 17:31	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-00-3	Chloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/03/2021 06:47	06/03/2021 17:31	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-66-3	Chloroform	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/03/2021 06:47	06/03/2021 17:31	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-87-3	Chloromethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/03/2021 06:47	06/03/2021 17:31	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/03/2021 06:47	06/03/2021 17:31	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: SB 301 14'

York Sample ID: 21E1255-43

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 11:05 am	05/28/2021

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		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/03/2021 06:47	06/03/2021 17:31	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-82-7	Cyclohexane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/03/2021 06:47	06/03/2021 17:31	MD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/03/2021 06:47	06/03/2021 17:31	MD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/03/2021 06:47	06/03/2021 17:31	MD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/03/2021 06:47	06/03/2021 17:31	MD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/03/2021 06:47	06/03/2021 17:31	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/03/2021 06:47	06/03/2021 17:31	MD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/03/2021 06:47	06/03/2021 17:31	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
79-20-9	Methyl acetate	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/03/2021 06:47	06/03/2021 17:31	MD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/03/2021 06:47	06/03/2021 17:31	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/03/2021 06:47	06/03/2021 17:31	MD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	Methylene chloride	ND		ug/kg dry	5.5	11	1	EPA 8260C Certifications:	06/03/2021 06:47	06/03/2021 17:31	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/03/2021 06:47	06/03/2021 17:31	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/03/2021 06:47	06/03/2021 17:31	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-47-6	o-Xylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/03/2021 06:47	06/03/2021 17:31	MD CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.5	11	1	EPA 8260C Certifications:	06/03/2021 06:47	06/03/2021 17:31	MD CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/03/2021 06:47	06/03/2021 17:31	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/03/2021 06:47	06/03/2021 17:31	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-42-5	Styrene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/03/2021 06:47	06/03/2021 17:31	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/03/2021 06:47	06/03/2021 17:31	MD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/03/2021 06:47	06/03/2021 17:31	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
127-18-4	**Tetrachloroethylene**	**27**	Cal-E, CCV-E	ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/03/2021 06:47	06/03/2021 17:31	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-88-3	Toluene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/03/2021 06:47	06/03/2021 17:31	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: SB 301 14'

York Sample ID: 21E1255-43

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21E1255	27-09 40th Ave, LIC, Queens, NY	Soil	May 27, 2021 11:05 am	05/28/2021

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		ug/kg dry	2.8	5.5	1	EPA 8260C	06/03/2021 06:47	06/03/2021 17:31	MD
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	06/03/2021 06:47	06/03/2021 17:31	MD
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	06/03/2021 06:47	06/03/2021 17:31	MD
								Certifications: CTDOH			
79-01-6	Trichloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	06/03/2021 06:47	06/03/2021 17:31	MD
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	06/03/2021 06:47	06/03/2021 17:31	MD
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	06/03/2021 06:47	06/03/2021 17:31	MD
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.3	17	1	EPA 8260C	06/03/2021 06:47	06/03/2021 17:31	MD
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.3 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*115 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**92.8**		%	0.100	1	SM 2540G	06/04/2021 17:08	06/04/2021 17:11	LJ
							Certifications: CTDOH			

Analytical Batch Summary

Batch ID: BF10001 **Preparation Method:** EPA 3550C **Prepared By:** RTH

YORK Sample ID	Client Sample ID	Preparation Date
21E1255-13	WC-PCE-Q2 0-5'	06/01/21
21E1255-13	WC-PCE-Q2 0-5'	06/01/21
21E1255-14	WC-PCE-Q2&4 5-10'	06/01/21
21E1255-14	WC-PCE-Q2&4 5-10'	06/01/21
21E1255-15	WC-PCE-Q2&4 10-15'	06/01/21
21E1255-15	WC-PCE-Q2&4 10-15'	06/01/21
21E1255-34	WC-HF-Q6	06/01/21
21E1255-34	WC-HF-Q6	06/01/21
21E1255-35	WC-HF-Q5	06/01/21
21E1255-35	WC-HF-Q5	06/01/21
21E1255-36	WC-HF-Q4	06/01/21
21E1255-36	WC-HF-Q4	06/01/21
21E1255-37	WC-HF-Q3	06/01/21
21E1255-37	WC-HF-Q3	06/01/21
21E1255-38	WC-HF-Q2	06/01/21
21E1255-38	WC-HF-Q2	06/01/21
21E1255-41	WC-PCE-Q2-6 0-5'	06/01/21
21E1255-41	WC-PCE-Q2-6 0-5'	06/01/21
BF10001-BLK1	Blank	06/01/21
BF10001-BLK2	Blank	06/01/21
BF10001-BS1	LCS	06/01/21
BF10001-BS2	LCS	06/01/21
BF10001-MS1	Matrix Spike	06/01/21
BF10001-MSD1	Matrix Spike Dup	06/01/21

Batch ID: BF10024 **Preparation Method:** % Solids Prep **Prepared By:** ALH

YORK Sample ID	Client Sample ID	Preparation Date
21E1255-13	WC-PCE-Q2 0-5'	06/01/21
21E1255-14	WC-PCE-Q2&4 5-10'	06/01/21
21E1255-15	WC-PCE-Q2&4 10-15'	06/01/21
21E1255-30	WC-CS-Q6 9'	06/01/21
21E1255-31	WC-CS-Q6 13'	06/01/21
21E1255-33	WC-CS-Q6 21'	06/01/21
21E1255-34	WC-HF-Q6	06/01/21
21E1255-35	WC-HF-Q5	06/01/21
21E1255-36	WC-HF-Q4	06/01/21
21E1255-37	WC-HF-Q3	06/01/21
21E1255-38	WC-HF-Q2	06/01/21
21E1255-41	WC-PCE-Q2-6 0-5'	06/01/21
BF10024-DUP1	Duplicate	06/01/21

Batch ID: BF10030 **Preparation Method:** EPA 3050B **Prepared By:** OT

YORK Sample ID	Client Sample ID	Preparation Date

21E1255-13	WC-PCE-Q2 0-5'	06/01/21
21E1255-14	WC-PCE-Q2&4 5-10'	06/01/21
21E1255-15	WC-PCE-Q2&4 10-15'	06/01/21
21E1255-34	WC-HF-Q6	06/01/21
21E1255-35	WC-HF-Q5	06/01/21
21E1255-36	WC-HF-Q4	06/01/21
BF10030-BLK1	Blank	06/01/21
BF10030-DUP1	Duplicate	06/01/21
BF10030-MS1	Matrix Spike	06/01/21
BF10030-PS1	Post Spike	06/01/21
BF10030-SRM1	Reference	06/01/21

Batch ID: BF10044 **Preparation Method:** EPA SW 846-1311 TCLP extr. for SV(**Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date
21E1255-13	WC-PCE-Q2 0-5'	06/01/21
21E1255-14	WC-PCE-Q2&4 5-10'	06/01/21
21E1255-15	WC-PCE-Q2&4 10-15'	06/01/21
21E1255-34	WC-HF-Q6	06/01/21
21E1255-35	WC-HF-Q5	06/01/21
21E1255-36	WC-HF-Q4	06/01/21
21E1255-37	WC-HF-Q3	06/01/21
21E1255-38	WC-HF-Q2	06/01/21
21E1255-41	WC-PCE-Q2-6 0-5'	06/01/21
BF10044-BLK1	Blank	06/01/21

Batch ID: BF10046 **Preparation Method:** EPA SW 846-1311 TCLP ZHE for VO **Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date
21E1255-13	WC-PCE-Q2 0-5'	06/01/21
21E1255-14	WC-PCE-Q2&4 5-10'	06/01/21
21E1255-15	WC-PCE-Q2&4 10-15'	06/01/21
21E1255-30	WC-CS-Q6 9'	06/01/21
21E1255-31	WC-CS-Q6 13'	06/01/21
21E1255-33	WC-CS-Q6 21'	06/01/21
21E1255-34	WC-HF-Q6	06/01/21
21E1255-35	WC-HF-Q5	06/01/21
21E1255-36	WC-HF-Q4	06/01/21
21E1255-37	WC-HF-Q3	06/01/21
21E1255-38	WC-HF-Q2	06/01/21
21E1255-41	WC-PCE-Q2-6 0-5'	06/01/21
BF10046-BLK1	Blank	06/01/21

Batch ID: BF10048 **Preparation Method:** EPA 3050B **Prepared By:** BR

YORK Sample ID	Client Sample ID	Preparation Date
21E1255-37	WC-HF-Q3	06/01/21
21E1255-38	WC-HF-Q2	06/01/21
21E1255-41	WC-PCE-Q2-6 0-5'	06/01/21
BF10048-BLK1	Blank	06/01/21

BF10048-DUP1	Duplicate	06/01/21
BF10048-MS1	Matrix Spike	06/01/21
BF10048-PS1	Post Spike	06/01/21
BF10048-SRM1	Reference	06/01/21

Batch ID: BF10060 **Preparation Method:** EPA 3550C/8151A **Prepared By:** SJB

YORK Sample ID	Client Sample ID	Preparation Date
21E1255-13	WC-PCE-Q2 0-5'	06/02/21
21E1255-14	WC-PCE-Q2&4 5-10'	06/02/21
21E1255-15	WC-PCE-Q2&4 10-15'	06/02/21
21E1255-34	WC-HF-Q6	06/02/21
21E1255-35	WC-HF-Q5	06/02/21
21E1255-36	WC-HF-Q4	06/02/21
21E1255-37	WC-HF-Q3	06/02/21
21E1255-38	WC-HF-Q2	06/02/21
21E1255-41	WC-PCE-Q2-6 0-5'	06/02/21
BF10060-BLK1	Blank	06/02/21
BF10060-BS1	LCS	06/02/21
BF10060-MS1	Matrix Spike	06/02/21
BF10060-MSD1	Matrix Spike Dup	06/02/21

Batch ID: BF10061 **Preparation Method:** EPA 3546 EPH **Prepared By:** S_K

YORK Sample ID	Client Sample ID	Preparation Date
21E1255-13	WC-PCE-Q2 0-5'	06/02/21
21E1255-14	WC-PCE-Q2&4 5-10'	06/02/21
21E1255-15	WC-PCE-Q2&4 10-15'	06/02/21
21E1255-34	WC-HF-Q6	06/02/21
21E1255-35	WC-HF-Q5	06/02/21
21E1255-36	WC-HF-Q4	06/02/21
21E1255-37	WC-HF-Q3	06/02/21
21E1255-38	WC-HF-Q2	06/02/21
21E1255-41	WC-PCE-Q2-6 0-5'	06/02/21
BF10061-BLK1	Blank	06/02/21
BF10061-BS1	LCS	06/02/21
BF10061-BSD1	LCS Dup	06/02/21
BF10061-DUP1	Duplicate	06/02/21
BF10061-MS1	Matrix Spike	06/02/21

Batch ID: BF10082 **Preparation Method:** EPA 7473 soil **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
21E1255-13	WC-PCE-Q2 0-5'	06/02/21
21E1255-14	WC-PCE-Q2&4 5-10'	06/02/21
21E1255-15	WC-PCE-Q2&4 10-15'	06/02/21
21E1255-34	WC-HF-Q6	06/02/21
21E1255-35	WC-HF-Q5	06/02/21
21E1255-36	WC-HF-Q4	06/02/21
21E1255-37	WC-HF-Q3	06/02/21

21E1255-38	WC-HF-Q2	06/02/21
21E1255-41	WC-PCE-Q2-6 0-5'	06/02/21
BF10082-BLK1	Blank	06/02/21
BF10082-DUP1	Duplicate	06/02/21
BF10082-MS1	Matrix Spike	06/02/21
BF10082-SRM1	Reference	06/02/21

Batch ID: BF10101 **Preparation Method:** EPA 3510C/1311 **Prepared By:** GO

YORK Sample ID	Client Sample ID	Preparation Date
21E1255-13	WC-PCE-Q2 0-5'	06/02/21
21E1255-14	WC-PCE-Q2&4 5-10'	06/02/21
21E1255-15	WC-PCE-Q2&4 10-15'	06/02/21
21E1255-34	WC-HF-Q6	06/02/21
21E1255-35	WC-HF-Q5	06/02/21
21E1255-36	WC-HF-Q4	06/02/21
21E1255-37	WC-HF-Q3	06/02/21
21E1255-38	WC-HF-Q2	06/02/21
21E1255-41	WC-PCE-Q2-6 0-5'	06/02/21
BF10101-BLK1	Blank	06/02/21
BF10101-BS1	LCS	06/02/21
BF10101-BSD1	LCS Dup	06/02/21
BF10101-LBK1	Leach Fluid Blank	06/02/21
BF10101-MS1	Matrix Spike	06/02/21

Batch ID: BF10123 **Preparation Method:** EPA 5030B/1311 **Prepared By:** YG

YORK Sample ID	Client Sample ID	Preparation Date
21E1255-14	WC-PCE-Q2&4 5-10'	06/02/21
21E1255-15	WC-PCE-Q2&4 10-15'	06/02/21
BF10123-BLK1	Blank	06/02/21
BF10123-BLK2	Blank	06/02/21
BF10123-BS1	LCS	06/02/21
BF10123-BSD1	LCS Dup	06/02/21
BF10123-DUP1	Duplicate	06/02/21
BF10123-LBK1	Leach Fluid Blank	06/02/21

Batch ID: BF10186 **Preparation Method:** EPA 5035A **Prepared By:** KHA

YORK Sample ID	Client Sample ID	Preparation Date
21E1255-30	WC-CS-Q6 9'	06/02/21
21E1255-31	WC-CS-Q6 13'	06/02/21
21E1255-32	WC-CS-Q6 19'	06/02/21
21E1255-33	WC-CS-Q6 21'	06/02/21
21E1255-39	WC-PCE-Q5 1'	06/02/21
21E1255-40	WC-PCE-Q6 2'	06/02/21
21E1255-42	WC-CS-Q5 20'	06/02/21
BF10186-BLK1	Blank	06/02/21
BF10186-BLK2	Blank	06/02/21
BF10186-BS1	LCS	06/02/21

BF10186-BSD1	LCS Dup	06/02/21

Batch ID: BF10200 **Preparation Method:** EPA 5030B/1311 **Prepared By:** YG

YORK Sample ID	Client Sample ID	Preparation Date
21E1255-30	WC-CS-Q6 9'	06/03/21
21E1255-31	WC-CS-Q6 13'	06/03/21
21E1255-33	WC-CS-Q6 21'	06/03/21
21E1255-34	WC-HF-Q6	06/03/21
21E1255-35	WC-HF-Q5	06/03/21
21E1255-36	WC-HF-Q4	06/03/21
21E1255-37	WC-HF-Q3	06/03/21
21E1255-38	WC-HF-Q2	06/03/21
21E1255-41	WC-PCE-Q2-6 0-5'	06/03/21
BF10200-BLK1	Blank	06/03/21
BF10200-BLK2	Blank	06/03/21
BF10200-BS1	LCS	06/03/21
BF10200-BSD1	LCS Dup	06/03/21
BF10200-DUP1	Duplicate	06/03/21
BF10200-LBK1	Leach Fluid Blank	06/03/21

Batch ID: BF10202 **Preparation Method:** % Solids Prep **Prepared By:** LJ

YORK Sample ID	Client Sample ID	Preparation Date
21E1255-01	WC-HF-Q2-1 1'	06/03/21
21E1255-02	WC-HF-Q2-2 4'	06/03/21
21E1255-03	WC-HF-Q2-3 4'	06/03/21
21E1255-04	WC-HF-Q2-4 2'	06/03/21
21E1255-05	WC-HF-Q2-5 2'	06/03/21
21E1255-06	WC-CS-Q2 7-9'	06/03/21
21E1255-07	WC-CS-Q2 12-14'	06/03/21
21E1255-08	WC-CS-Q2 19'	06/03/21
21E1255-09	WC-CS-Q2 23'	06/03/21
21E1255-10	WC-PCE-Q2 2'	06/03/21
21E1255-11	WC-PCE-Q2 6'	06/03/21
21E1255-12	WC-PCE-Q2 14'	06/03/21
21E1255-16	WC-HF-Q5-1 3'	06/03/21
21E1255-17	WC-HF-Q5-2 2'	06/03/21
21E1255-18	WC-HF-Q5-3 4'	06/03/21
BF10202-DUP1	Duplicate	06/03/21

Batch ID: BF10245 **Preparation Method:** EPA 5030B/1311 **Prepared By:** YG

YORK Sample ID	Client Sample ID	Preparation Date
21E1255-13	WC-PCE-Q2 0-5'	06/04/21
BF10245-BLK1	Blank	06/04/21
BF10245-BS1	LCS	06/04/21
BF10245-BSD1	LCS Dup	06/04/21
BF10245-DUP1	Duplicate	06/04/21
BF10245-LBK1	Leach Fluid Blank	06/04/21

Batch ID: BF10266 **Preparation Method:** EPA 5035A **Prepared By:** LLJ

YORK Sample ID	Client Sample ID	Preparation Date
21E1255-43	SB 301 14'	06/03/21
BF10266-BLK1	Blank	06/03/21
BF10266-BS1	LCS	06/03/21
BF10266-BSD1	LCS Dup	06/03/21

Batch ID: BF10267 **Preparation Method:** % Solids Prep **Prepared By:** LJ

YORK Sample ID	Client Sample ID	Preparation Date
21E1255-19	WC-HF-Q5-4 2'	06/04/21
21E1255-20	WC-HF-Q5-5 3'	06/04/21
21E1255-21	WC-CS-Q5 9'	06/04/21
21E1255-22	WC-CS-Q5 12'	06/04/21
21E1255-23	WC-CS-Q5 17'	06/04/21
21E1255-24	WC-CS-Q5 23'	06/04/21
21E1255-25	WC-HF-Q6-1 4'	06/04/21
21E1255-26	WC-HF-Q6-2 2'	06/04/21
21E1255-27	WC-HF-Q6-3 2'	06/04/21
21E1255-28	WC-HF-Q6-4 2'	06/04/21
21E1255-29	WC-HF-Q6-5 2'	06/04/21
21E1255-32	WC-CS-Q6 19'	06/04/21
21E1255-39	WC-PCE-Q5 1'	06/04/21
21E1255-40	WC-PCE-Q6 2'	06/04/21
21E1255-42	WC-CS-Q5 20'	06/04/21
21E1255-43	SB 301 14'	06/04/21
BF10267-DUP1	Duplicate	06/04/21

Batch ID: BF10277 **Preparation Method:** EPA 5035A **Prepared By:** LLJ

YORK Sample ID	Client Sample ID	Preparation Date
21E1255-10RE1	WC-PCE-Q2 2'	06/05/21
21E1255-11RE1	WC-PCE-Q2 6'	06/05/21
21E1255-29	WC-HF-Q6-5 2'	06/05/21
BF10277-BLK1	Blank	06/05/21
BF10277-BLK2	Blank	06/05/21
BF10277-BS1	LCS	06/05/21
BF10277-BSD1	LCS Dup	06/05/21

Batch ID: BF10307 **Preparation Method:** EPA 5035A **Prepared By:** KHA

YORK Sample ID	Client Sample ID	Preparation Date
21E1255-39RE1	WC-PCE-Q5 1'	06/04/21
BF10307-BLK1	Blank	06/04/21
BF10307-BLK2	Blank	06/04/21
BF10307-BS1	LCS	06/04/21
BF10307-BSD1	LCS Dup	06/04/21

Batch ID: BF10391 **Preparation Method:** EPA 5035A **Prepared By:** LLJ

YORK Sample ID	Client Sample ID	Preparation Date
21E1255-01RE1	WC-HF-Q2-1 1'	06/03/21
21E1255-02RE1	WC-HF-Q2-2 4'	06/03/21
21E1255-04RE1	WC-HF-Q2-4 2'	06/03/21
21E1255-05RE1	WC-HF-Q2-5 2'	06/03/21
21E1255-17RE1	WC-HF-Q5-2 2'	06/03/21
21E1255-20RE1	WC-HF-Q5-5 3'	06/03/21
21E1255-22	WC-CS-Q5 12'	06/05/21
21E1255-23	WC-CS-Q5 17'	06/05/21
21E1255-24	WC-CS-Q5 23'	06/05/21
21E1255-25	WC-HF-Q6-1 4'	06/05/21
21E1255-26	WC-HF-Q6-2 2'	06/05/21
21E1255-27	WC-HF-Q6-3 2'	06/05/21
21E1255-27RE1	WC-HF-Q6-3 2'	06/03/21
21E1255-28	WC-HF-Q6-4 2'	06/05/21
BF10391-BLK1	Blank	06/07/21
BF10391-BLK2	Blank	06/07/21
BF10391-BS1	LCS	06/07/21
BF10391-BSD1	LCS Dup	06/07/21

Batch ID: BF10392 **Preparation Method:** EPA 5035A **Prepared By:** MD

YORK Sample ID	Client Sample ID	Preparation Date
21E1255-01	WC-HF-Q2-1 1'	06/07/21
21E1255-02	WC-HF-Q2-2 4'	06/07/21
21E1255-03	WC-HF-Q2-3 4'	06/07/21
21E1255-04	WC-HF-Q2-4 2'	06/07/21
21E1255-05	WC-HF-Q2-5 2'	06/07/21
21E1255-06	WC-CS-Q2 7-9'	06/07/21
21E1255-06RE1	WC-CS-Q2 7-9'	06/07/21
21E1255-07	WC-CS-Q2 12-14'	06/07/21
21E1255-08	WC-CS-Q2 19'	06/07/21
21E1255-09	WC-CS-Q2 23'	06/07/21
21E1255-10	WC-PCE-Q2 2'	06/07/21
21E1255-11	WC-PCE-Q2 6'	06/07/21
21E1255-12	WC-PCE-Q2 14'	06/07/21
21E1255-16	WC-HF-Q5-1 3'	06/07/21
21E1255-17	WC-HF-Q5-2 2'	06/07/21
21E1255-18	WC-HF-Q5-3 4'	06/07/21
21E1255-19	WC-HF-Q5-4 2'	06/07/21
21E1255-20	WC-HF-Q5-5 3'	06/07/21
21E1255-21	WC-CS-Q5 9'	06/07/21
BF10392-BLK1	Blank	06/07/21
BF10392-BLK2	Blank	06/07/21
BF10392-BS1	LCS	06/07/21
BF10392-BSD1	LCS Dup	06/07/21

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 BF10123 - EPA 5030B/1311											
Blank (BF10123-BLK1)											Prepared & Analyzed: 06/02/2021
1,1-Dichloroethylene	ND	5.0	ug/L								
1,2-Dichloroethane	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
2-Butanone	ND	5.0	"								
Benzene	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroform	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.8*		*"*	*50.0*		*102*	*77-125*				
Surrogate: SURR: p-Bromofluorobenzene	*49.2*		*"*	*50.0*		*98.4*	*76-130*				
Surrogate: SURR: Toluene-d8	*48.0*		*"*	*50.0*		*96.0*	*85-120*				
Blank (BF10123-BLK2)											Prepared & Analyzed: 06/02/2021
1,1-Dichloroethylene	ND	500	ug/L								
1,2-Dichloroethane	ND	500	"								
1,4-Dichlorobenzene	ND	500	"								
2-Butanone	ND	500	"								
Benzene	ND	500	"								
Carbon tetrachloride	ND	500	"								
Chlorobenzene	ND	500	"								
Chloroform	ND	500	"								
Tetrachloroethylene	ND	500	"								
Trichloroethylene	ND	500	"								
Vinyl Chloride	ND	500	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.8*		*"*	*50.0*		*102*	*77-125*				
Surrogate: SURR: p-Bromofluorobenzene	*48.0*		*"*	*50.0*		*95.9*	*76-130*				
Surrogate: SURR: Toluene-d8	*48.0*		*"*	*50.0*		*96.0*	*85-120*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF10123 - EPA 5030B/1311											
LCS (BF10123-BS1)								Prepared & Analyzed: 06/02/2021			
1,1-Dichloroethylene	69		ug/L	50.0		138	68-134	High Bias			
1,2-Dichloroethane	58		"	50.0		115	69-133				
1,4-Dichlorobenzene	51		"	50.0		102	82-124				
2-Butanone	56		"	50.0		111	44-169				
Benzene	62		"	50.0		123	72-134				
Carbon tetrachloride	62		"	50.0		123	62-145				
Chlorobenzene	53		"	50.0		106	85-119				
Chloroform	56		"	50.0		112	74-131				
Tetrachloroethylene	41		"	50.0		82.6	78-133				
Trichloroethylene	58		"	50.0		116	81-125				
Vinyl Chloride	57		"	50.0		113	42-136				
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.8*		*"*	*50.0*		*102*	*77-125*				
Surrogate: SURR: p-Bromofluorobenzene	*48.4*		*"*	*50.0*		*96.8*	*76-130*				
Surrogate: SURR: Toluene-d8	*48.4*		*"*	*50.0*		*96.7*	*85-120*				
LCS Dup (BF10123-BSD1)								Prepared & Analyzed: 06/02/2021			
1,1-Dichloroethylene	70		ug/L	50.0		140	68-134	High Bias	1.51	30	
1,2-Dichloroethane	58		"	50.0		116	69-133		0.658	30	
1,4-Dichlorobenzene	52		"	50.0		103	82-124		1.05	30	
2-Butanone	57		"	50.0		113	44-169		1.89	30	
Benzene	62		"	50.0		125	72-134		1.23	30	
Carbon tetrachloride	63		"	50.0		125	62-145		1.76	30	
Chlorobenzene	54		"	50.0		107	85-119		1.50	30	
Chloroform	57		"	50.0		113	74-131		0.850	30	
Tetrachloroethylene	42		"	50.0		84.2	78-133		1.89	30	
Trichloroethylene	60		"	50.0		119	81-125		2.71	30	
Vinyl Chloride	58		"	50.0		116	42-136		2.21	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.2*		*"*	*50.0*		*102*	*77-125*				
Surrogate: SURR: p-Bromofluorobenzene	*48.6*		*"*	*50.0*		*97.2*	*76-130*				
Surrogate: SURR: Toluene-d8	*48.5*		*"*	*50.0*		*97.0*	*85-120*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF10123 - EPA 5030B/1311											
Duplicate (BF10123-DUP1)	*Source sample: 21E1234-01 (Duplicate)								Prepared: 06/02/2021 Analyzed: 06/03/2021		
1,1-Dichloroethylene	ND	50	ug/L		ND					200	
1,2-Dichloroethane	ND	50	"		ND					200	
1,4-Dichlorobenzene	ND	50	"		ND					200	
2-Butanone	ND	50	"		ND					200	
Benzene	ND	50	"		ND					200	
Carbon tetrachloride	ND	50	"		ND					200	
Chlorobenzene	ND	50	"		ND					200	
Chloroform	ND	50	"		ND					200	
Tetrachloroethylene	ND	50	"		ND					200	
Trichloroethylene	ND	50	"		ND					200	
Vinyl Chloride	ND	50	"		ND					200	
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.3*		*"*	*50.0*		*101*	*77-125*				
Surrogate: SURR: p-Bromofluorobenzene	*48.4*		*"*	*50.0*		*96.7*	*76-130*				
Surrogate: SURR: Toluene-d8	*47.9*		*"*	*50.0*		*95.8*	*85-120*				
Leach Fluid Blank (BF10123-LBK1)									Prepared & Analyzed: 06/02/2021		
1,1-Dichloroethylene	ND	50	ug/L								
1,2-Dichloroethane	ND	50	"								
1,4-Dichlorobenzene	ND	50	"								
2-Butanone	ND	50	"								
Benzene	ND	50	"								
Carbon tetrachloride	ND	50	"								
Chlorobenzene	ND	50	"								
Chloroform	ND	50	"								
Tetrachloroethylene	ND	50	"								
Trichloroethylene	ND	50	"								
Vinyl Chloride	ND	50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.0*		*"*	*50.0*		*102*	*77-125*				
Surrogate: SURR: p-Bromofluorobenzene	*47.7*		*"*	*50.0*		*95.4*	*76-130*				
Surrogate: SURR: Toluene-d8	*47.8*		*"*	*50.0*		*95.5*	*85-120*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF10186 - EPA 5035A											
Blank (BF10186-BLK1)											
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2-Butanone	ND	5.0	"								
2-Hexanone	ND	5.0	"								
4-Methyl-2-pentanone	ND	5.0	"								
Acetone	ND	10	"								
Acrolein	ND	10	"								
Acrylonitrile	ND	5.0	"								
Benzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon disulfide	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Cyclohexane	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl acetate	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylcyclohexane	ND	5.0	"								
Methylene chloride	ND	10	"								

Prepared & Analyzed: 06/02/2021

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 BF10186 - EPA 5035A											
Blank (BF10186-BLK1)											Prepared & Analyzed: 06/02/2021
n-Butylbenzene	ND	5.0	ug/kg wet								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butyl alcohol (TBA)	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
trans-1,4-dichloro-2-butene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*47.7*		*ug/L*	*50.0*		*95.4*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.7*		*"*	*50.0*		*97.3*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*46.9*		*"*	*50.0*		*93.9*	*76-130*				
Blank (BF10186-BLK2)											Prepared & Analyzed: 06/02/2021
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2-Butanone	ND	5.0	"								
2-Hexanone	ND	5.0	"								
4-Methyl-2-pentanone	ND	5.0	"								
Acetone	ND	10	"								
Acrolein	ND	10	"								
Acrylonitrile	ND	5.0	"								
Benzene	ND	5.0	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

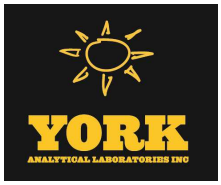
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF10186 - EPA 5035A											
Blank (BF10186-BLK2)											
Prepared & Analyzed: 06/02/2021											
Bromochloromethane	ND	5.0	ug/kg wet								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon disulfide	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Cyclohexane	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl acetate	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylcyclohexane	ND	5.0	"								
Methylene chloride	ND	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butyl alcohol (TBA)	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
trans-1,4-dichloro-2-butene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.5*		*ug/L*	*50.0*		*97.0*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.4*		*"*	*50.0*		*96.8*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.0*		*"*	*50.0*		*96.0*	*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 BF10186 - EPA 5035A											
LCS (BF10186-BS1)							Prepared & Analyzed: 06/02/2021				
1,1,1,2-Tetrachloroethane	51		ug/L	50.0		102	75-129				
1,1,1-Trichloroethane	44		"	50.0		88.4	71-137				
1,1,2,2-Tetrachloroethane	59		"	50.0		119	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	51		"	50.0		102	58-146				
1,1,2-Trichloroethane	54		"	50.0		109	83-123				
1,1-Dichloroethane	47		"	50.0		93.2	75-130				
1,1-Dichloroethylene	43		"	50.0		86.7	64-137				
1,2,3-Trichlorobenzene	44		"	50.0		88.4	81-140				
1,2,3-Trichloropropane	51		"	50.0		101	81-126				
1,2,4-Trichlorobenzene	42		"	50.0		84.3	80-141				
1,2,4-Trimethylbenzene	45		"	50.0		89.4	84-125				
1,2-Dibromo-3-chloropropane	47		"	50.0		94.4	74-142				
1,2-Dibromoethane	53		"	50.0		106	86-123				
1,2-Dichlorobenzene	48		"	50.0		95.3	85-122				
1,2-Dichloroethane	48		"	50.0		96.6	71-133				
1,2-Dichloropropane	52		"	50.0		103	81-122				
1,3,5-Trimethylbenzene	53		"	50.0		106	82-126				
1,3-Dichlorobenzene	45		"	50.0		90.3	84-124				
1,4-Dichlorobenzene	45		"	50.0		90.6	84-124				
1,4-Dioxane	1000		"	1050		97.5	10-228				
2-Butanone	32		"	50.0		64.0	58-147				
2-Hexanone	51		"	50.0		103	70-139				
4-Methyl-2-pentanone	54		"	50.0		109	72-132				
Acetone	27		"	50.0		54.1	36-155				
Acrolein	8.7		"	50.0		17.4	10-238				
Acrylonitrile	55		"	50.0		110	66-141				
Benzene	51		"	50.0		103	77-127				
Bromochloromethane	53		"	50.0		105	74-129				
Bromodichloromethane	48		"	50.0		95.7	81-124				
Bromoform	53		"	50.0		106	80-136				
Bromomethane	75		"	50.0		150	32-177				
Carbon disulfide	49		"	50.0		98.8	10-136				
Carbon tetrachloride	44		"	50.0		87.3	66-143				
Chlorobenzene	48		"	50.0		96.6	86-120				
Chloroethane	55		"	50.0		111	51-142				
Chloroform	48		"	50.0		95.3	76-131				
Chloromethane	39		"	50.0		78.0	49-132				
cis-1,2-Dichloroethylene	48		"	50.0		95.4	74-132				
cis-1,3-Dichloropropylene	49		"	50.0		98.8	81-129				
Cyclohexane	39		"	50.0		78.4	70-130				
Dibromochloromethane	55		"	50.0		109	10-200				
Dibromomethane	49		"	50.0		97.4	83-124				
Dichlorodifluoromethane	56		"	50.0		111	28-158				
Ethyl Benzene	47		"	50.0		93.9	84-125				
Hexachlorobutadiene	39		"	50.0		78.7	83-133	Low Bias			
Isopropylbenzene	44		"	50.0		87.4	81-127				
Methyl acetate	52		"	50.0		105	41-143				
Methyl tert-butyl ether (MTBE)	57		"	50.0		113	74-131				
Methylcyclohexane	45		"	50.0		91.0	70-130				
Methylene chloride	52		"	50.0		103	57-141				



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 BF10186 - EPA 5035A											
LCS (BF10186-BS1)							Prepared & Analyzed: 06/02/2021				
n-Butylbenzene	42		ug/L	50.0		84.0	80-130				
n-Propylbenzene	43		"	50.0		85.8	74-136				
o-Xylene	48		"	50.0		96.2	83-123				
p- & m- Xylenes	92		"	100		92.3	82-128				
p-Isopropyltoluene	43		"	50.0		85.8	85-125				
sec-Butylbenzene	45		"	50.0		90.4	83-125				
Styrene	53		"	50.0		106	86-126				
tert-Butyl alcohol (TBA)	170		"	250		66.1	70-130	Low Bias			
tert-Butylbenzene	39		"	50.0		77.8	80-127	Low Bias			
Tetrachloroethylene	38		"	50.0		75.7	80-129	Low Bias			
Toluene	47		"	50.0		93.6	85-121				
trans-1,2-Dichloroethylene	48		"	50.0		96.7	72-132				
trans-1,3-Dichloropropylene	51		"	50.0		103	78-132				
trans-1,4-dichloro-2-butene	58		"	50.0		116	75-135				
Trichloroethylene	42		"	50.0		84.9	84-123				
Trichlorofluoromethane	46		"	50.0		91.1	62-140				
Vinyl Chloride	55		"	50.0		110	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.6*		*"*	*50.0*		*97.1*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.3*		*"*	*50.0*		*98.6*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*47.6*		*"*	*50.0*		*95.2*	*76-130*				
LCS Dup (BF10186-BSD1)							Prepared & Analyzed: 06/02/2021				
1,1,1,2-Tetrachloroethane	47		ug/L	50.0		93.2	75-129		8.61	30	
1,1,1-Trichloroethane	41		"	50.0		81.5	71-137		8.13	30	
1,1,2,2-Tetrachloroethane	55		"	50.0		111	79-129		6.91	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	48		"	50.0		96.1	58-146		6.06	30	
1,1,2-Trichloroethane	49		"	50.0		98.5	83-123		9.76	30	
1,1-Dichloroethane	42		"	50.0		84.8	75-130		9.44	30	
1,1-Dichloroethylene	41		"	50.0		82.1	64-137		5.45	30	
1,2,3-Trichlorobenzene	45		"	50.0		89.4	81-140		1.10	30	
1,2,3-Trichloropropane	46		"	50.0		92.9	81-126		8.71	30	
1,2,4-Trichlorobenzene	46		"	50.0		92.0	80-141		8.83	30	
1,2,4-Trimethylbenzene	43		"	50.0		87.0	84-125		2.70	30	
1,2-Dibromo-3-chloropropane	44		"	50.0		87.7	74-142		7.36	30	
1,2-Dibromoethane	49		"	50.0		97.8	86-123		8.48	30	
1,2-Dichlorobenzene	46		"	50.0		92.4	85-122		3.13	30	
1,2-Dichloroethane	45		"	50.0		89.5	71-133		7.57	30	
1,2-Dichloropropane	47		"	50.0		94.1	81-122		9.21	30	
1,3,5-Trimethylbenzene	54		"	50.0		108	82-126		1.77	30	
1,3-Dichlorobenzene	45		"	50.0		89.8	84-124		0.555	30	
1,4-Dichlorobenzene	45		"	50.0		90.2	84-124		0.465	30	
1,4-Dioxane	910		"	1050		86.6	10-228		11.8	30	
2-Butanone	35		"	50.0		70.8	58-147		10.0	30	
2-Hexanone	50		"	50.0		99.8	70-139		2.96	30	
4-Methyl-2-pentanone	52		"	50.0		104	72-132		4.65	30	
Acetone	26		"	50.0		52.8	36-155		2.43	30	
Acrolein	63		"	50.0		125	10-238		151	30	Non-dir.
Acrylonitrile	49		"	50.0		97.6	66-141		11.6	30	
Benzene	47		"	50.0		93.9	77-127		8.78	30	
Bromochloromethane	48		"	50.0		96.9	74-129		8.38	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 BF10186 - EPA 5035A											
LCS Dup (BF10186-BSD1)								Prepared & Analyzed: 06/02/2021			
Bromodichloromethane	44		ug/L	50.0		87.2	81-124		9.31	30	
Bromoform	48		"	50.0		95.6	80-136		10.5	30	
Bromomethane	78		"	50.0		155	32-177		3.75	30	
Carbon disulfide	48		"	50.0		95.1	10-136		3.86	30	
Carbon tetrachloride	41		"	50.0		81.1	66-143		7.41	30	
Chlorobenzene	45		"	50.0		90.8	86-120		6.19	30	
Chloroethane	54		"	50.0		108	51-142		2.21	30	
Chloroform	44		"	50.0		87.5	76-131		8.58	30	
Chloromethane	38		"	50.0		75.2	49-132		3.63	30	
cis-1,2-Dichloroethylene	45		"	50.0		89.9	74-132		5.94	30	
cis-1,3-Dichloropropylene	48		"	50.0		96.5	81-129		2.44	30	
Cyclohexane	39		"	50.0		77.5	70-130		1.18	30	
Dibromochloromethane	50		"	50.0		100	10-200		8.74	30	
Dibromomethane	45		"	50.0		90.4	83-124		7.41	30	
Dichlorodifluoromethane	64		"	50.0		128	28-158		14.1	30	
Ethyl Benzene	44		"	50.0		88.5	84-125		6.01	30	
Hexachlorobutadiene	42		"	50.0		83.4	83-133		5.87	30	
Isopropylbenzene	41		"	50.0		82.4	81-127		5.96	30	
Methyl acetate	48		"	50.0		96.4	41-143		8.12	30	
Methyl tert-butyl ether (MTBE)	55		"	50.0		110	74-131		2.90	30	
Methylcyclohexane	45		"	50.0		90.9	70-130		0.0440	30	
Methylene chloride	47		"	50.0		94.7	57-141		8.71	30	
n-Butylbenzene	45		"	50.0		89.7	80-130		6.61	30	
n-Propylbenzene	42		"	50.0		83.8	74-136		2.41	30	
o-Xylene	45		"	50.0		90.5	83-123		6.15	30	
p- & m- Xylenes	87		"	100		86.7	82-128		6.30	30	
p-Isopropyltoluene	43		"	50.0		85.8	85-125		0.0699	30	
sec-Butylbenzene	44		"	50.0		87.6	83-125		3.15	30	
Styrene	49		"	50.0		98.8	86-126		6.82	30	
tert-Butyl alcohol (TBA)	150		"	250		61.6	70-130	Low Bias	7.08	30	
tert-Butylbenzene	37		"	50.0		74.4	80-127	Low Bias	4.47	30	
Tetrachloroethylene	37		"	50.0		73.3	80-129	Low Bias	3.14	30	
Toluene	44		"	50.0		88.1	85-121		6.05	30	
trans-1,2-Dichloroethylene	46		"	50.0		91.2	72-132		5.85	30	
trans-1,3-Dichloropropylene	51		"	50.0		101	78-132		1.74	30	
trans-1,4-dichloro-2-butene	55		"	50.0		110	75-135		4.61	30	
Trichloroethylene	39		"	50.0		78.3	84-123	Low Bias	8.04	30	
Trichlorofluoromethane	45		"	50.0		91.0	62-140		0.154	30	
Vinyl Chloride	55		"	50.0		110	52-130		0.163	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*47.9*		*"*	*50.0*		*95.9*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.6*		*"*	*50.0*		*97.1*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.2*		*"*	*50.0*		*96.4*	*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 BF10200 - EPA 5030B/1311											
Blank (BF10200-BLK1)											Prepared & Analyzed: 06/03/2021
1,1-Dichloroethylene	ND	5.0	ug/L								
1,2-Dichloroethane	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
2-Butanone	ND	5.0	"								
Benzene	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroform	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.3*		*"*	*50.0*		*103*	*77-125*				
Surrogate: SURR: p-Bromofluorobenzene	*48.3*		*"*	*50.0*		*96.7*	*76-130*				
Surrogate: SURR: Toluene-d8	*47.6*		*"*	*50.0*		*95.1*	*85-120*				
Blank (BF10200-BLK2)											Prepared & Analyzed: 06/03/2021
1,1-Dichloroethylene	ND	500	ug/L								
1,2-Dichloroethane	ND	500	"								
1,4-Dichlorobenzene	ND	500	"								
2-Butanone	ND	500	"								
Benzene	ND	500	"								
Carbon tetrachloride	ND	500	"								
Chlorobenzene	ND	500	"								
Chloroform	ND	500	"								
Tetrachloroethylene	ND	500	"								
Trichloroethylene	ND	500	"								
Vinyl Chloride	ND	500	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.7*		*"*	*50.0*		*103*	*77-125*				
Surrogate: SURR: p-Bromofluorobenzene	*47.3*		*"*	*50.0*		*94.7*	*76-130*				
Surrogate: SURR: Toluene-d8	*47.6*		*"*	*50.0*		*95.2*	*85-120*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF10200 - EPA 5030B/1311											
LCS (BF10200-BS1)								Prepared & Analyzed: 06/03/2021			
1,1-Dichloroethylene	66		ug/L	50.0		132	68-134				
1,2-Dichloroethane	54		"	50.0		109	69-133				
1,4-Dichlorobenzene	48		"	50.0		96.4	82-124				
2-Butanone	53		"	50.0		105	44-169				
Benzene	59		"	50.0		118	72-134				
Carbon tetrachloride	60		"	50.0		119	62-145				
Chlorobenzene	50		"	50.0		99.9	85-119				
Chloroform	54		"	50.0		107	74-131				
Tetrachloroethylene	40		"	50.0		79.1	78-133				
Trichloroethylene	55		"	50.0		111	81-125				
Vinyl Chloride	52		"	50.0		105	42-136				
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.5*		*"*	*50.0*		*101*	*77-125*				
Surrogate: SURR: p-Bromofluorobenzene	*48.0*		*"*	*50.0*		*95.9*	*76-130*				
Surrogate: SURR: Toluene-d8	*48.0*		*"*	*50.0*		*96.0*	*85-120*				
LCS Dup (BF10200-BSD1)								Prepared & Analyzed: 06/03/2021			
1,1-Dichloroethylene	70		ug/L	50.0		139	68-134	High Bias	5.24	30	
1,2-Dichloroethane	57		"	50.0		114	69-133		5.05	30	
1,4-Dichlorobenzene	51		"	50.0		102	82-124		5.58	30	
2-Butanone	53		"	50.0		106	44-169		0.758	30	
Benzene	62		"	50.0		125	72-134		5.40	30	
Carbon tetrachloride	63		"	50.0		126	62-145		5.50	30	
Chlorobenzene	53		"	50.0		106	85-119		6.28	30	
Chloroform	57		"	50.0		114	74-131		5.89	30	
Tetrachloroethylene	42		"	50.0		84.0	78-133		5.96	30	
Trichloroethylene	59		"	50.0		118	81-125		6.27	30	
Vinyl Chloride	56		"	50.0		112	42-136		7.00	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.7*		*"*	*50.0*		*99.4*	*77-125*				
Surrogate: SURR: p-Bromofluorobenzene	*48.3*		*"*	*50.0*		*96.5*	*76-130*				
Surrogate: SURR: Toluene-d8	*48.3*		*"*	*50.0*		*96.7*	*85-120*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF10200 - EPA 5030B/1311											
Duplicate (BF10200-DUP1)	*Source sample: 21F0045-04 (Duplicate)								Prepared: 06/03/2021 Analyzed: 06/04/2021		
1,1-Dichloroethylene	ND	50	ug/L		ND					200	
1,2-Dichloroethane	ND	50	"		ND					200	
1,4-Dichlorobenzene	ND	50	"		ND					200	
2-Butanone	ND	50	"		ND					200	
Benzene	ND	50	"		ND					200	
Carbon tetrachloride	ND	50	"		ND					200	
Chlorobenzene	ND	50	"		ND					200	
Chloroform	ND	50	"		ND					200	
Tetrachloroethylene	ND	50	"		ND					200	
Trichloroethylene	ND	50	"		ND					200	
Vinyl Chloride	ND	50	"		ND					200	
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.9*		*"*	*50.0*		*102*	*77-125*				
Surrogate: SURR: p-Bromofluorobenzene	*47.0*		*"*	*50.0*		*94.0*	*76-130*				
Surrogate: SURR: Toluene-d8	*47.4*		*"*	*50.0*		*94.8*	*85-120*				
Leach Fluid Blank (BF10200-LBK1)									Prepared & Analyzed: 06/03/2021		
1,1-Dichloroethylene	ND	50	ug/L								
1,2-Dichloroethane	ND	50	"								
1,4-Dichlorobenzene	ND	50	"								
2-Butanone	ND	50	"								
Benzene	ND	50	"								
Carbon tetrachloride	ND	50	"								
Chlorobenzene	ND	50	"								
Chloroform	ND	50	"								
Tetrachloroethylene	ND	50	"								
Trichloroethylene	ND	50	"								
Vinyl Chloride	ND	50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.0*		*"*	*50.0*		*102*	*77-125*				
Surrogate: SURR: p-Bromofluorobenzene	*47.4*		*"*	*50.0*		*94.7*	*76-130*				
Surrogate: SURR: Toluene-d8	*47.7*		*"*	*50.0*		*95.4*	*85-120*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF10245 - EPA 5030B/1311											
Blank (BF10245-BLK1)								Prepared & Analyzed: 06/04/2021			
1,1-Dichloroethylene	ND	5.0	ug/L								
1,2-Dichloroethane	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
2-Butanone	ND	5.0	"								
Benzene	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroform	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*52.6*		*"*	*50.0*		*105*	*77-125*				
Surrogate: SURR: p-Bromofluorobenzene	*51.7*		*"*	*50.0*		*103*	*76-130*				
Surrogate: SURR: Toluene-d8	*49.9*		*"*	*50.0*		*99.8*	*85-120*				
LCS (BF10245-BS1)								Prepared & Analyzed: 06/04/2021			
1,1-Dichloroethylene	56		ug/L	50.0		112	68-134				
1,2-Dichloroethane	53		"	50.0		107	69-133				
1,4-Dichlorobenzene	48		"	50.0		96.5	82-124				
2-Butanone	46		"	50.0		91.8	44-169				
Benzene	50		"	50.0		101	72-134				
Carbon tetrachloride	55		"	50.0		109	62-145				
Chlorobenzene	49		"	50.0		97.6	85-119				
Chloroform	51		"	50.0		102	74-131				
Tetrachloroethylene	42		"	50.0		83.2	78-133				
Trichloroethylene	50		"	50.0		99.6	81-125				
Vinyl Chloride	48		"	50.0		96.9	42-136				
Surrogate: SURR: 1,2-Dichloroethane-d4	*53.5*		*"*	*50.0*		*107*	*77-125*				
Surrogate: SURR: p-Bromofluorobenzene	*48.8*		*"*	*50.0*		*97.6*	*76-130*				
Surrogate: SURR: Toluene-d8	*49.1*		*"*	*50.0*		*98.2*	*85-120*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF10245 - EPA 5030B/1311											
LCS Dup (BF10245-BSD1)								Prepared & Analyzed: 06/04/2021			
1,1-Dichloroethylene	57		ug/L	50.0		114	68-134		1.91	30	
1,2-Dichloroethane	54		"	50.0		109	69-133		2.19	30	
1,4-Dichlorobenzene	48		"	50.0		95.2	82-124		1.38	30	
2-Butanone	47		"	50.0		93.8	44-169		2.09	30	
Benzene	52		"	50.0		104	72-134		2.95	30	
Carbon tetrachloride	55		"	50.0		110	62-145		0.892	30	
Chlorobenzene	49		"	50.0		97.4	85-119		0.164	30	
Chloroform	53		"	50.0		106	74-131		4.26	30	
Tetrachloroethylene	41		"	50.0		82.3	78-133		1.09	30	
Trichloroethylene	50		"	50.0		99.8	81-125		0.181	30	
Vinyl Chloride	50		"	50.0		100	42-136		3.25	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*54.1*		*"*	*50.0*		*108*	*77-125*				
Surrogate: SURR: p-Bromofluorobenzene	*47.9*		*"*	*50.0*		*95.8*	*76-130*				
Surrogate: SURR: Toluene-d8	*48.7*		*"*	*50.0*		*97.4*	*85-120*				
Duplicate (BF10245-DUP1)	*Source sample: 21F0125-02 (Duplicate)							Prepared & Analyzed: 06/04/2021			
1,1-Dichloroethylene	ND	50	ug/L		ND					200	
1,2-Dichloroethane	ND	50	"		ND					200	
1,4-Dichlorobenzene	ND	50	"		ND					200	
2-Butanone	ND	50	"		ND					200	
Benzene	ND	50	"		ND					200	
Carbon tetrachloride	ND	50	"		ND					200	
Chlorobenzene	ND	50	"		ND					200	
Chloroform	ND	50	"		ND					200	
Tetrachloroethylene	ND	50	"		ND					200	
Trichloroethylene	ND	50	"		ND					200	
Vinyl Chloride	ND	50	"		ND					200	
Surrogate: SURR: 1,2-Dichloroethane-d4	*55.7*		*"*	*50.0*		*111*	*77-125*				
Surrogate: SURR: p-Bromofluorobenzene	*50.1*		*"*	*50.0*		*100*	*76-130*				
Surrogate: SURR: Toluene-d8	*49.4*		*"*	*50.0*		*98.9*	*85-120*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF10245 - EPA 5030B/1311											
Leach Fluid Blank (BF10245-LBK1)											
Prepared & Analyzed: 06/04/2021											
1,1-Dichloroethylene	ND	50	ug/L								
1,2-Dichloroethane	ND	50	"								
1,4-Dichlorobenzene	ND	50	"								
2-Butanone	ND	50	"								
Benzene	ND	50	"								
Carbon tetrachloride	ND	50	"								
Chlorobenzene	ND	50	"								
Chloroform	ND	50	"								
Tetrachloroethylene	ND	50	"								
Trichloroethylene	ND	50	"								
Vinyl Chloride	ND	50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*55.2*		*"*	*50.0*		*110*	*77-125*				
Surrogate: SURR: p-Bromofluorobenzene	*51.5*		*"*	*50.0*		*103*	*76-130*				
Surrogate: SURR: Toluene-d8	*48.8*		*"*	*50.0*		*97.6*	*85-120*				
Batch BF10266 - EPA 5035A											
Blank (BF10266-BLK1)											
Prepared & Analyzed: 06/03/2021											
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2-Butanone	ND	5.0	"								
2-Hexanone	ND	5.0	"								
4-Methyl-2-pentanone	ND	5.0	"								
Acetone	ND	10	"								
Acrolein	ND	10	"								
Acrylonitrile	ND	5.0	"								
Benzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon disulfide	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF10266 - EPA 5035A											
Blank (BF10266-BLK1)											
Prepared & Analyzed: 06/03/2021											
Chlorobenzene	ND	5.0	ug/kg wet								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Cyclohexane	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl acetate	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylcyclohexane	ND	5.0	"								
Methylene chloride	ND	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butyl alcohol (TBA)	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
trans-1,4-dichloro-2-butene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.6*		*ug/L*	*50.0*		*101*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.6*		*"*	*50.0*		*99.2*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*58.4*		*"*	*50.0*		*117*	*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 BF10266 - EPA 5035A											
LCS (BF10266-BS1)							Prepared & Analyzed: 06/03/2021				
1,1,1,2-Tetrachloroethane	56		ug/L	50.0		111	75-129				
1,1,1-Trichloroethane	58		"	50.0		117	71-137				
1,1,2,2-Tetrachloroethane	59		"	50.0		118	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	57		"	50.0		114	58-146				
1,1,2-Trichloroethane	57		"	50.0		114	83-123				
1,1-Dichloroethane	55		"	50.0		111	75-130				
1,1-Dichloroethylene	60		"	50.0		121	64-137				
1,2,3-Trichlorobenzene	60		"	50.0		121	81-140				
1,2,3-Trichloropropane	55		"	50.0		110	81-126				
1,2,4-Trichlorobenzene	61		"	50.0		122	80-141				
1,2,4-Trimethylbenzene	59		"	50.0		117	84-125				
1,2-Dibromo-3-chloropropane	54		"	50.0		107	74-142				
1,2-Dibromoethane	56		"	50.0		113	86-123				
1,2-Dichlorobenzene	57		"	50.0		114	85-122				
1,2-Dichloroethane	56		"	50.0		112	71-133				
1,2-Dichloropropane	57		"	50.0		115	81-122				
1,3,5-Trimethylbenzene	58		"	50.0		116	82-126				
1,3-Dichlorobenzene	57		"	50.0		113	84-124				
1,4-Dichlorobenzene	56		"	50.0		113	84-124				
1,4-Dioxane	1200		"	1050		110	10-228				
2-Butanone	58		"	50.0		117	58-147				
2-Hexanone	58		"	50.0		116	70-139				
4-Methyl-2-pentanone	54		"	50.0		108	72-132				
Acetone	45		"	50.0		90.2	36-155				
Acrolein	75		"	50.0		149	10-238				
Acrylonitrile	56		"	50.0		113	66-141				
Benzene	58		"	50.0		116	77-127				
Bromochloromethane	58		"	50.0		115	74-129				
Bromodichloromethane	56		"	50.0		112	81-124				
Bromoform	58		"	50.0		117	80-136				
Bromomethane	57		"	50.0		115	32-177				
Carbon disulfide	62		"	50.0		124	10-136				
Carbon tetrachloride	61		"	50.0		121	66-143				
Chlorobenzene	56		"	50.0		112	86-120				
Chloroethane	69		"	50.0		137	51-142				
Chloroform	56		"	50.0		112	76-131				
Chloromethane	61		"	50.0		122	49-132				
cis-1,2-Dichloroethylene	57		"	50.0		114	74-132				
cis-1,3-Dichloropropylene	55		"	50.0		109	81-129				
Cyclohexane	55		"	50.0		110	70-130				
Dibromochloromethane	58		"	50.0		117	10-200				
Dibromomethane	55		"	50.0		111	83-124				
Dichlorodifluoromethane	75		"	50.0		150	28-158				
Ethyl Benzene	56		"	50.0		112	84-125				
Hexachlorobutadiene	61		"	50.0		122	83-133				
Isopropylbenzene	56		"	50.0		113	81-127				
Methyl acetate	54		"	50.0		108	41-143				
Methyl tert-butyl ether (MTBE)	62		"	50.0		123	74-131				
Methylcyclohexane	55		"	50.0		110	70-130				
Methylene chloride	58		"	50.0		117	57-141				

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 BF10266 - EPA 5035A											
LCS (BF10266-BS1)								Prepared & Analyzed: 06/03/2021			
n-Butylbenzene	49		ug/L	50.0		98.2	80-130				
n-Propylbenzene	56		"	50.0		111	74-136				
o-Xylene	56		"	50.0		112	83-123				
p- & m- Xylenes	110		"	100		111	82-128				
p-Isopropyltoluene	60		"	50.0		119	85-125				
sec-Butylbenzene	61		"	50.0		121	83-125				
Styrene	58		"	50.0		115	86-126				
tert-Butyl alcohol (TBA)	170		"	250		69.5	70-130	Low Bias			
tert-Butylbenzene	50		"	50.0		101	80-127				
Tetrachloroethylene	53		"	50.0		107	80-129				
Toluene	56		"	50.0		113	85-121				
trans-1,2-Dichloroethylene	60		"	50.0		121	72-132				
trans-1,3-Dichloropropylene	53		"	50.0		105	78-132				
trans-1,4-dichloro-2-butene	62		"	50.0		124	75-135				
Trichloroethylene	57		"	50.0		113	84-123				
Trichlorofluoromethane	70		"	50.0		141	62-140	High Bias			
Vinyl Chloride	66		"	50.0		131	52-130	High Bias			
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.8*		*"*	*50.0*		*99.6*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.7*		*"*	*50.0*		*99.4*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.2*		*"*	*50.0*		*96.5*	*76-130*				
LCS Dup (BF10266-BSD1)								Prepared & Analyzed: 06/03/2021			
1,1,1,2-Tetrachloroethane	58		ug/L	50.0		117	75-129		4.99	30	
1,1,1-Trichloroethane	63		"	50.0		125	71-137		7.03	30	
1,1,2,2-Tetrachloroethane	61		"	50.0		122	79-129		2.82	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	57		"	50.0		114	58-146		0.403	30	
1,1,2-Trichloroethane	56		"	50.0		113	83-123		0.848	30	
1,1-Dichloroethane	57		"	50.0		114	75-130		2.87	30	
1,1-Dichloroethylene	61		"	50.0		123	64-137		1.86	30	
1,2,3-Trichlorobenzene	61		"	50.0		122	81-140		1.04	30	
1,2,3-Trichloropropane	57		"	50.0		114	81-126		3.81	30	
1,2,4-Trichlorobenzene	64		"	50.0		127	80-141		3.80	30	
1,2,4-Trimethylbenzene	61		"	50.0		121	84-125		3.32	30	
1,2-Dibromo-3-chloropropane	56		"	50.0		113	74-142		4.80	30	
1,2-Dibromoethane	57		"	50.0		114	86-123		0.688	30	
1,2-Dichlorobenzene	57		"	50.0		114	85-122		0.737	30	
1,2-Dichloroethane	55		"	50.0		110	71-133		1.19	30	
1,2-Dichloropropane	59		"	50.0		118	81-122		3.24	30	
1,3,5-Trimethylbenzene	60		"	50.0		121	82-126		4.32	30	
1,3-Dichlorobenzene	58		"	50.0		116	84-124		2.86	30	
1,4-Dichlorobenzene	59		"	50.0		118	84-124		4.01	30	
1,4-Dioxane	1200		"	1050		118	10-228		6.84	30	
2-Butanone	62		"	50.0		125	58-147		6.74	30	
2-Hexanone	62		"	50.0		124	70-139		6.62	30	
4-Methyl-2-pentanone	54		"	50.0		109	72-132		1.11	30	
Acetone	43		"	50.0		87.0	36-155		3.68	30	
Acrolein	78		"	50.0		156	10-238		4.75	30	
Acrylonitrile	57		"	50.0		115	66-141		1.60	30	
Benzene	59		"	50.0		118	77-127		1.18	30	
Bromochloromethane	57		"	50.0		114	74-129		1.10	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 BF10266 - EPA 5035A											
LCS Dup (BF10266-BSD1)								Prepared & Analyzed: 06/03/2021			
Bromodichloromethane	59		ug/L	50.0		117	81-124		4.59	30	
Bromoform	62		"	50.0		125	80-136		6.41	30	
Bromomethane	60		"	50.0		120	32-177		3.94	30	
Carbon disulfide	63		"	50.0		127	10-136		2.01	30	
Carbon tetrachloride	64		"	50.0		127	66-143		4.79	30	
Chlorobenzene	58		"	50.0		116	86-120		2.93	30	
Chloroethane	65		"	50.0		130	51-142		5.51	30	
Chloroform	57		"	50.0		114	76-131		1.53	30	
Chloromethane	63		"	50.0		126	49-132		2.90	30	
cis-1,2-Dichloroethylene	58		"	50.0		115	74-132		1.08	30	
cis-1,3-Dichloropropylene	58		"	50.0		115	81-129		5.21	30	
Cyclohexane	56		"	50.0		112	70-130		1.75	30	
Dibromochloromethane	60		"	50.0		119	10-200		2.05	30	
Dibromomethane	56		"	50.0		112	83-124		1.34	30	
Dichlorodifluoromethane	77		"	50.0		154	28-158		2.50	30	
Ethyl Benzene	59		"	50.0		117	84-125		4.46	30	
Hexachlorobutadiene	64		"	50.0		128	83-133		5.18	30	
Isopropylbenzene	59		"	50.0		117	81-127		3.97	30	
Methyl acetate	56		"	50.0		111	41-143		3.42	30	
Methyl tert-butyl ether (MTBE)	66		"	50.0		133	74-131	High Bias	7.37	30	
Methylcyclohexane	57		"	50.0		114	70-130		3.11	30	
Methylene chloride	59		"	50.0		117	57-141		0.205	30	
n-Butylbenzene	53		"	50.0		106	80-130		7.66	30	
n-Propylbenzene	58		"	50.0		116	74-136		3.88	30	
o-Xylene	58		"	50.0		115	83-123		2.98	30	
p- & m- Xylenes	110		"	100		115	82-128		3.08	30	
p-Isopropyltoluene	62		"	50.0		124	85-125		3.68	30	
sec-Butylbenzene	63		"	50.0		126	83-125	High Bias	3.93	30	
Styrene	59		"	50.0		117	86-126		1.96	30	
tert-Butyl alcohol (TBA)	210		"	250		82.3	70-130		16.9	30	
tert-Butylbenzene	53		"	50.0		105	80-127		4.40	30	
Tetrachloroethylene	56		"	50.0		111	80-129		4.30	30	
Toluene	59		"	50.0		117	85-121		3.97	30	
trans-1,2-Dichloroethylene	61		"	50.0		122	72-132		1.50	30	
trans-1,3-Dichloropropylene	55		"	50.0		111	78-132		4.79	30	
trans-1,4-dichloro-2-butene	63		"	50.0		126	75-135		1.41	30	
Trichloroethylene	59		"	50.0		118	84-123		3.90	30	
Trichlorofluoromethane	70		"	50.0		140	62-140		0.656	30	
Vinyl Chloride	65		"	50.0		130	52-130		0.748	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*47.9*		*"*	*50.0*		*95.8*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.9*		*"*	*50.0*		*99.8*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.0*		*"*	*50.0*		*96.0*	*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 BF10277 - EPA 5035A											
Blank (BF10277-BLK1)											
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2-Butanone	ND	5.0	"								
2-Hexanone	ND	5.0	"								
4-Methyl-2-pentanone	ND	5.0	"								
Acetone	ND	10	"								
Acrolein	ND	10	"								
Acrylonitrile	ND	5.0	"								
Benzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon disulfide	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Cyclohexane	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl acetate	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylcyclohexane	ND	5.0	"								
Methylene chloride	ND	10	"								

Prepared & Analyzed: 06/05/2021

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 BF10277 - EPA 5035A											
Blank (BF10277-BLK1)											Prepared & Analyzed: 06/05/2021
n-Butylbenzene	ND	5.0	ug/kg wet								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butyl alcohol (TBA)	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
trans-1,4-dichloro-2-butene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*47.9*		*ug/L*	*50.0*		*95.8*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.0*		*"*	*50.0*		*100*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.1*		*"*	*50.0*		*102*	*76-130*				
Blank (BF10277-BLK2)											Prepared & Analyzed: 06/05/2021
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2-Butanone	ND	5.0	"								
2-Hexanone	ND	5.0	"								
4-Methyl-2-pentanone	ND	5.0	"								
Acetone	ND	10	"								
Acrolein	ND	10	"								
Acrylonitrile	ND	5.0	"								
Benzene	ND	5.0	"								

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 BF10277 - EPA 5035A											
Blank (BF10277-BLK2)											
Prepared & Analyzed: 06/05/2021											
Bromochloromethane	ND	5.0	ug/kg wet								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon disulfide	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Cyclohexane	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl acetate	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylcyclohexane	ND	5.0	"								
Methylene chloride	ND	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butyl alcohol (TBA)	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
trans-1,4-dichloro-2-butene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*47.6*		*ug/L*	*50.0*		*95.2*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.7*		*"*	*50.0*		*99.3*	*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 BF10277 - EPA 5035A											
LCS (BF10277-BS1)							Prepared & Analyzed: 06/05/2021				
1,1,1,2-Tetrachloroethane	52		ug/L	50.0		104	75-129				
1,1,1-Trichloroethane	53		"	50.0		107	71-137				
1,1,2,2-Tetrachloroethane	50		"	50.0		100	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	54		"	50.0		109	58-146				
1,1,2-Trichloroethane	48		"	50.0		95.7	83-123				
1,1-Dichloroethane	50		"	50.0		99.7	75-130				
1,1-Dichloroethylene	56		"	50.0		111	64-137				
1,2,3-Trichlorobenzene	50		"	50.0		101	81-140				
1,2,3-Trichloropropane	49		"	50.0		98.7	81-126				
1,2,4-Trichlorobenzene	52		"	50.0		104	80-141				
1,2,4-Trimethylbenzene	51		"	50.0		101	84-125				
1,2-Dibromo-3-chloropropane	54		"	50.0		109	74-142				
1,2-Dibromoethane	49		"	50.0		97.9	86-123				
1,2-Dichlorobenzene	50		"	50.0		99.4	85-122				
1,2-Dichloroethane	50		"	50.0		100	71-133				
1,2-Dichloropropane	50		"	50.0		99.9	81-122				
1,3,5-Trimethylbenzene	52		"	50.0		104	82-126				
1,3-Dichlorobenzene	50		"	50.0		99.1	84-124				
1,4-Dichlorobenzene	49		"	50.0		98.4	84-124				
1,4-Dioxane	1100		"	1050		108	10-228				
2-Butanone	52		"	50.0		103	58-147				
2-Hexanone	54		"	50.0		108	70-139				
4-Methyl-2-pentanone	53		"	50.0		107	72-132				
Acetone	47		"	50.0		93.6	36-155				
Acrolein	84		"	50.0		169	10-238				
Acrylonitrile	52		"	50.0		104	66-141				
Benzene	51		"	50.0		103	77-127				
Bromochloromethane	50		"	50.0		101	74-129				
Bromodichloromethane	52		"	50.0		103	81-124				
Bromoform	46		"	50.0		91.5	80-136				
Bromomethane	46		"	50.0		91.4	32-177				
Carbon disulfide	62		"	50.0		124	10-136				
Carbon tetrachloride	51		"	50.0		102	66-143				
Chlorobenzene	49		"	50.0		98.9	86-120				
Chloroethane	43		"	50.0		86.0	51-142				
Chloroform	51		"	50.0		102	76-131				
Chloromethane	51		"	50.0		101	49-132				
cis-1,2-Dichloroethylene	53		"	50.0		105	74-132				
cis-1,3-Dichloropropylene	51		"	50.0		102	81-129				
Cyclohexane	52		"	50.0		105	70-130				
Dibromochloromethane	47		"	50.0		94.0	10-200				
Dibromomethane	48		"	50.0		96.4	83-124				
Dichlorodifluoromethane	58		"	50.0		116	28-158				
Ethyl Benzene	51		"	50.0		102	84-125				
Hexachlorobutadiene	51		"	50.0		102	83-133				
Isopropylbenzene	51		"	50.0		102	81-127				
Methyl acetate	46		"	50.0		92.6	41-143				
Methyl tert-butyl ether (MTBE)	52		"	50.0		104	74-131				
Methylcyclohexane	52		"	50.0		104	70-130				
Methylene chloride	52		"	50.0		104	57-141				

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 BF10277 - EPA 5035A											
LCS (BF10277-BS1)								Prepared & Analyzed: 06/05/2021			
n-Butylbenzene	60		ug/L	50.0		120	80-130				
n-Propylbenzene	51		"	50.0		101	74-136				
o-Xylene	50		"	50.0		99.4	83-123				
p- & m- Xylenes	100		"	100		104	82-128				
p-Isopropyltoluene	53		"	50.0		106	85-125				
sec-Butylbenzene	54		"	50.0		108	83-125				
Styrene	51		"	50.0		102	86-126				
tert-Butyl alcohol (TBA)	360		"	250		145	70-130	High Bias			
tert-Butylbenzene	51		"	50.0		102	80-127				
Tetrachloroethylene	47		"	50.0		94.8	80-129				
Toluene	51		"	50.0		101	85-121				
trans-1,2-Dichloroethylene	55		"	50.0		111	72-132				
trans-1,3-Dichloropropylene	45		"	50.0		89.7	78-132				
trans-1,4-dichloro-2-butene	53		"	50.0		107	75-135				
Trichloroethylene	52		"	50.0		104	84-123				
Trichlorofluoromethane	58		"	50.0		116	62-140				
Vinyl Chloride	57		"	50.0		115	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.8*		*"*	*50.0*		*97.5*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.8*		*"*	*50.0*		*99.6*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.2*		*"*	*50.0*		*100*	*76-130*				
LCS Dup (BF10277-BSD1)								Prepared & Analyzed: 06/05/2021			
1,1,1,2-Tetrachloroethane	46		ug/L	50.0		92.8	75-129		11.3	30	
1,1,1-Trichloroethane	47		"	50.0		94.6	71-137		12.3	30	
1,1,2,2-Tetrachloroethane	46		"	50.0		91.6	79-129		9.21	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	48		"	50.0		96.8	58-146		11.7	30	
1,1,2-Trichloroethane	44		"	50.0		87.8	83-123		8.70	30	
1,1-Dichloroethane	43		"	50.0		86.6	75-130		14.0	30	
1,1-Dichloroethylene	48		"	50.0		96.7	64-137		14.1	30	
1,2,3-Trichlorobenzene	45		"	50.0		89.8	81-140		11.3	30	
1,2,3-Trichloropropane	46		"	50.0		91.0	81-126		8.11	30	
1,2,4-Trichlorobenzene	46		"	50.0		91.7	80-141		12.3	30	
1,2,4-Trimethylbenzene	45		"	50.0		89.7	84-125		12.3	30	
1,2-Dibromo-3-chloropropane	48		"	50.0		96.8	74-142		11.5	30	
1,2-Dibromoethane	45		"	50.0		89.6	86-123		8.85	30	
1,2-Dichlorobenzene	45		"	50.0		89.0	85-122		11.0	30	
1,2-Dichloroethane	45		"	50.0		89.7	71-133		11.2	30	
1,2-Dichloropropane	45		"	50.0		90.1	81-122		10.4	30	
1,3,5-Trimethylbenzene	46		"	50.0		92.4	82-126		12.1	30	
1,3-Dichlorobenzene	44		"	50.0		88.4	84-124		11.4	30	
1,4-Dichlorobenzene	44		"	50.0		88.2	84-124		11.0	30	
1,4-Dioxane	1000		"	1050		97.7	10-228		9.74	30	
2-Butanone	48		"	50.0		96.9	58-147		6.33	30	
2-Hexanone	51		"	50.0		102	70-139		6.22	30	
4-Methyl-2-pentanone	50		"	50.0		99.8	72-132		6.83	30	
Acetone	44		"	50.0		87.6	36-155		6.65	30	
Acrolein	74		"	50.0		148	10-238		13.3	30	
Acrylonitrile	47		"	50.0		94.0	66-141		9.91	30	
Benzene	46		"	50.0		92.1	77-127		11.2	30	
Bromochloromethane	45		"	50.0		89.5	74-129		11.6	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 BF10277 - EPA 5035A											
LCS Dup (BF10277-BSD1)								Prepared & Analyzed: 06/05/2021			
Bromodichloromethane	47		ug/L	50.0		94.4	81-124		8.73	30	
Bromoform	42		"	50.0		83.6	80-136		9.00	30	
Bromomethane	41		"	50.0		81.7	32-177		11.2	30	
Carbon disulfide	57		"	50.0		113	10-136		8.93	30	
Carbon tetrachloride	45		"	50.0		89.6	66-143		13.0	30	
Chlorobenzene	45		"	50.0		89.4	86-120		10.1	30	
Chloroethane	34		"	50.0		68.2	51-142		23.2	30	
Chloroform	46		"	50.0		92.5	76-131		10.0	30	
Chloromethane	42		"	50.0		83.8	49-132		19.0	30	
cis-1,2-Dichloroethylene	47		"	50.0		93.4	74-132		11.8	30	
cis-1,3-Dichloropropylene	46		"	50.0		91.5	81-129		10.6	30	
Cyclohexane	46		"	50.0		92.8	70-130		12.2	30	
Dibromochloromethane	42		"	50.0		84.7	10-200		10.4	30	
Dibromomethane	44		"	50.0		88.2	83-124		8.84	30	
Dichlorodifluoromethane	53		"	50.0		106	28-158		9.02	30	
Ethyl Benzene	45		"	50.0		90.6	84-125		11.7	30	
Hexachlorobutadiene	46		"	50.0		91.9	83-133		10.9	30	
Isopropylbenzene	45		"	50.0		89.2	81-127		13.0	30	
Methyl acetate	43		"	50.0		86.2	41-143		7.18	30	
Methyl tert-butyl ether (MTBE)	48		"	50.0		95.7	74-131		8.10	30	
Methylcyclohexane	47		"	50.0		93.9	70-130		10.6	30	
Methylene chloride	45		"	50.0		90.9	57-141		13.1	30	
n-Butylbenzene	53		"	50.0		105	80-130		13.3	30	
n-Propylbenzene	45		"	50.0		90.0	74-136		11.7	30	
o-Xylene	45		"	50.0		89.2	83-123		10.9	30	
p- & m- Xylenes	92		"	100		92.5	82-128		11.5	30	
p-Isopropyltoluene	47		"	50.0		93.7	85-125		12.4	30	
sec-Butylbenzene	48		"	50.0		96.6	83-125		11.4	30	
Styrene	46		"	50.0		92.5	86-126		10.2	30	
tert-Butyl alcohol (TBA)	340		"	250		136	70-130	High Bias	6.80	30	
tert-Butylbenzene	45		"	50.0		90.4	80-127		11.8	30	
Tetrachloroethylene	42		"	50.0		85.0	80-129		10.9	30	
Toluene	45		"	50.0		89.3	85-121		12.3	30	
trans-1,2-Dichloroethylene	49		"	50.0		98.8	72-132		11.6	30	
trans-1,3-Dichloropropylene	41		"	50.0		82.1	78-132		8.80	30	
trans-1,4-dichloro-2-butene	48		"	50.0		96.2	75-135		10.4	30	
Trichloroethylene	46		"	50.0		92.7	84-123		11.9	30	
Trichlorofluoromethane	52		"	50.0		104	62-140		10.3	30	
Vinyl Chloride	51		"	50.0		102	52-130		11.5	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.8*		*"*	*50.0*		*97.5*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.6*		*"*	*50.0*		*101*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.9*		*"*	*50.0*		*99.8*	*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 BF10307 - EPA 5035A											
Blank (BF10307-BLK1)											
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2-Butanone	ND	5.0	"								
2-Hexanone	ND	5.0	"								
4-Methyl-2-pentanone	ND	5.0	"								
Acetone	ND	10	"								
Acrolein	ND	10	"								
Acrylonitrile	ND	5.0	"								
Benzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon disulfide	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Cyclohexane	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl acetate	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylcyclohexane	ND	5.0	"								
Methylene chloride	ND	10	"								

Prepared & Analyzed: 06/04/2021

Volatile Organic Compounds by GC/MS - Quality Control Data

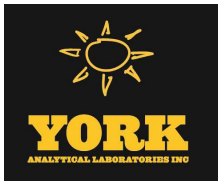
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF10307 - EPA 5035A											
Blank (BF10307-BLK1)											Prepared & Analyzed: 06/04/2021
n-Butylbenzene	ND	5.0	ug/kg wet								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butyl alcohol (TBA)	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
trans-1,4-dichloro-2-butene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*47.8*		*ug/L*	*50.0*		*95.6*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.7*		*"*	*50.0*		*97.5*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.5*		*"*	*50.0*		*97.1*	*76-130*				
Blank (BF10307-BLK2)											Prepared & Analyzed: 06/04/2021
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2-Butanone	ND	5.0	"								
2-Hexanone	ND	5.0	"								
4-Methyl-2-pentanone	ND	5.0	"								
Acetone	ND	10	"								
Acrolein	ND	10	"								
Acrylonitrile	ND	5.0	"								
Benzene	ND	5.0	"								

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 BF10307 - EPA 5035A											
Blank (BF10307-BLK2)											
Prepared & Analyzed: 06/04/2021											
Bromochloromethane	ND	5.0	ug/kg wet								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon disulfide	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Cyclohexane	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl acetate	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylcyclohexane	ND	5.0	"								
Methylene chloride	ND	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butyl alcohol (TBA)	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
trans-1,4-dichloro-2-butene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.9*		*ug/L*	*50.0*		*97.8*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.4*		*"*	*50.0*		*96.9*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.6*		*"*	*50.0*		*97.3*	*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 BF10307 - EPA 5035A											
LCS (BF10307-BS1)							Prepared & Analyzed: 06/04/2021				
1,1,1,2-Tetrachloroethane	51		ug/L	50.0		102	75-129				
1,1,1-Trichloroethane	46		"	50.0		91.6	71-137				
1,1,2,2-Tetrachloroethane	60		"	50.0		120	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	54		"	50.0		109	58-146				
1,1,2-Trichloroethane	54		"	50.0		108	83-123				
1,1-Dichloroethane	48		"	50.0		95.2	75-130				
1,1-Dichloroethylene	46		"	50.0		91.8	64-137				
1,2,3-Trichlorobenzene	50		"	50.0		100	81-140				
1,2,3-Trichloropropane	52		"	50.0		103	81-126				
1,2,4-Trichlorobenzene	50		"	50.0		101	80-141				
1,2,4-Trimethylbenzene	48		"	50.0		95.3	84-125				
1,2-Dibromo-3-chloropropane	48		"	50.0		95.7	74-142				
1,2-Dibromoethane	54		"	50.0		107	86-123				
1,2-Dichlorobenzene	50		"	50.0		99.3	85-122				
1,2-Dichloroethane	49		"	50.0		98.0	71-133				
1,2-Dichloropropane	50		"	50.0		101	81-122				
1,3,5-Trimethylbenzene	55		"	50.0		110	82-126				
1,3-Dichlorobenzene	49		"	50.0		97.1	84-124				
1,4-Dichlorobenzene	49		"	50.0		97.3	84-124				
1,4-Dioxane	940		"	1050		89.2	10-228				
2-Butanone	38		"	50.0		76.4	58-147				
2-Hexanone	53		"	50.0		106	70-139				
4-Methyl-2-pentanone	54		"	50.0		107	72-132				
Acetone	28		"	50.0		55.3	36-155				
Acrolein	67		"	50.0		133	10-238				
Acrylonitrile	57		"	50.0		114	66-141				
Benzene	52		"	50.0		104	77-127				
Bromochloromethane	52		"	50.0		104	74-129				
Bromodichloromethane	48		"	50.0		95.2	81-124				
Bromoform	52		"	50.0		104	80-136				
Bromomethane	88		"	50.0		176	32-177				
Carbon disulfide	52		"	50.0		105	10-136				
Carbon tetrachloride	46		"	50.0		91.8	66-143				
Chlorobenzene	50		"	50.0		99.4	86-120				
Chloroethane	56		"	50.0		112	51-142				
Chloroform	49		"	50.0		97.4	76-131				
Chloromethane	38		"	50.0		75.4	49-132				
cis-1,2-Dichloroethylene	49		"	50.0		98.7	74-132				
cis-1,3-Dichloropropylene	52		"	50.0		104	81-129				
Cyclohexane	41		"	50.0		82.8	70-130				
Dibromochloromethane	54		"	50.0		108	10-200				
Dibromomethane	49		"	50.0		97.2	83-124				
Dichlorodifluoromethane	61		"	50.0		121	28-158				
Ethyl Benzene	49		"	50.0		97.0	84-125				
Hexachlorobutadiene	46		"	50.0		91.2	83-133				
Isopropylbenzene	45		"	50.0		90.3	81-127				
Methyl acetate	52		"	50.0		105	41-143				
Methyl tert-butyl ether (MTBE)	57		"	50.0		114	74-131				
Methylcyclohexane	48		"	50.0		96.5	70-130				
Methylene chloride	51		"	50.0		102	57-141				

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 BF10307 - EPA 5035A											
LCS (BF10307-BS1)								Prepared & Analyzed: 06/04/2021			
n-Butylbenzene	45		ug/L	50.0		89.2	80-130				
n-Propylbenzene	46		"	50.0		91.1	74-136				
o-Xylene	49		"	50.0		98.6	83-123				
p- & m- Xylenes	95		"	100		94.6	82-128				
p-Isopropyltoluene	46		"	50.0		91.8	85-125				
sec-Butylbenzene	47		"	50.0		94.0	83-125				
Styrene	54		"	50.0		107	86-126				
tert-Butyl alcohol (TBA)	170		"	250		68.2	70-130	Low Bias			
tert-Butylbenzene	40		"	50.0		79.6	80-127	Low Bias			
Tetrachloroethylene	41		"	50.0		81.3	80-129				
Toluene	48		"	50.0		96.1	85-121				
trans-1,2-Dichloroethylene	50		"	50.0		101	72-132				
trans-1,3-Dichloropropylene	55		"	50.0		111	78-132				
trans-1,4-dichloro-2-butene	61		"	50.0		121	75-135				
Trichloroethylene	43		"	50.0		86.3	84-123				
Trichlorofluoromethane	47		"	50.0		94.9	62-140				
Vinyl Chloride	58		"	50.0		115	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*47.5*		*"*	*50.0*		*95.1*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.4*		*"*	*50.0*		*96.8*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.1*		*"*	*50.0*		*96.1*	*76-130*				
LCS Dup (BF10307-BSD1)								Prepared & Analyzed: 06/04/2021			
1,1,1,2-Tetrachloroethane	46		ug/L	50.0		91.7	75-129		11.0	30	
1,1,1-Trichloroethane	43		"	50.0		85.5	71-137		6.82	30	
1,1,2,2-Tetrachloroethane	53		"	50.0		106	79-129		12.6	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50		"	50.0		100	58-146		8.25	30	
1,1,2-Trichloroethane	48		"	50.0		95.2	83-123		12.8	30	
1,1-Dichloroethane	43		"	50.0		85.8	75-130		10.3	30	
1,1-Dichloroethylene	41		"	50.0		82.9	64-137		10.1	30	
1,2,3-Trichlorobenzene	45		"	50.0		90.4	81-140		10.2	30	
1,2,3-Trichloropropane	45		"	50.0		89.1	81-126		14.7	30	
1,2,4-Trichlorobenzene	46		"	50.0		92.4	80-141		8.78	30	
1,2,4-Trimethylbenzene	43		"	50.0		85.9	84-125		10.4	30	
1,2-Dibromo-3-chloropropane	43		"	50.0		85.6	74-142		11.1	30	
1,2-Dibromoethane	47		"	50.0		93.8	86-123		13.4	30	
1,2-Dichlorobenzene	44		"	50.0		89.0	85-122		10.9	30	
1,2-Dichloroethane	43		"	50.0		86.9	71-133		12.0	30	
1,2-Dichloropropane	45		"	50.0		90.3	81-122		11.0	30	
1,3,5-Trimethylbenzene	50		"	50.0		99.2	82-126		10.5	30	
1,3-Dichlorobenzene	44		"	50.0		88.3	84-124		9.54	30	
1,4-Dichlorobenzene	44		"	50.0		88.2	84-124		9.79	30	
1,4-Dioxane	870		"	1050		83.1	10-228		7.14	30	
2-Butanone	31		"	50.0		61.7	58-147		21.3	30	
2-Hexanone	47		"	50.0		94.0	70-139		11.9	30	
4-Methyl-2-pentanone	48		"	50.0		95.4	72-132		11.6	30	
Acetone	26		"	50.0		52.1	36-155		5.81	30	
Acrolein	60		"	50.0		120	10-238		10.0	30	
Acrylonitrile	48		"	50.0		96.0	66-141		17.3	30	
Benzene	48		"	50.0		95.0	77-127		9.41	30	
Bromochloromethane	46		"	50.0		92.9	74-129		11.3	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 BF10307 - EPA 5035A											
LCS Dup (BF10307-BSD1)								Prepared & Analyzed: 06/04/2021			
Bromodichloromethane	42		ug/L	50.0		84.9	81-124		11.4	30	
Bromoform	46		"	50.0		92.9	80-136		11.1	30	
Bromomethane	80		"	50.0		159	32-177		9.92	30	
Carbon disulfide	48		"	50.0		95.1	10-136		9.63	30	
Carbon tetrachloride	42		"	50.0		84.1	66-143		8.71	30	
Chlorobenzene	44		"	50.0		89.0	86-120		11.1	30	
Chloroethane	51		"	50.0		102	51-142		9.76	30	
Chloroform	44		"	50.0		87.5	76-131		10.7	30	
Chloromethane	33		"	50.0		65.2	49-132		14.6	30	
cis-1,2-Dichloroethylene	45		"	50.0		89.8	74-132		9.49	30	
cis-1,3-Dichloropropylene	47		"	50.0		93.8	81-129		10.7	30	
Cyclohexane	38		"	50.0		76.0	70-130		8.57	30	
Dibromochloromethane	48		"	50.0		95.2	10-200		12.3	30	
Dibromomethane	43		"	50.0		85.7	83-124		12.6	30	
Dichlorodifluoromethane	51		"	50.0		103	28-158		16.7	30	
Ethyl Benzene	44		"	50.0		87.7	84-125		10.2	30	
Hexachlorobutadiene	42		"	50.0		83.9	83-133		8.33	30	
Isopropylbenzene	41		"	50.0		81.3	81-127		10.5	30	
Methyl acetate	46		"	50.0		91.8	41-143		13.1	30	
Methyl tert-butyl ether (MTBE)	51		"	50.0		102	74-131		11.3	30	
Methylcyclohexane	44		"	50.0		88.5	70-130		8.58	30	
Methylene chloride	46		"	50.0		92.0	57-141		10.6	30	
n-Butylbenzene	43		"	50.0		85.0	80-130		4.80	30	
n-Propylbenzene	41		"	50.0		82.1	74-136		10.4	30	
o-Xylene	45		"	50.0		89.2	83-123		10.0	30	
p- & m- Xylenes	87		"	100		86.5	82-128		8.97	30	
p-Isopropyltoluene	42		"	50.0		84.6	85-125	Low Bias	8.16	30	
sec-Butylbenzene	44		"	50.0		87.0	83-125		7.67	30	
Styrene	48		"	50.0		96.5	86-126		10.5	30	
tert-Butyl alcohol (TBA)	150		"	250		61.2	70-130	Low Bias	10.8	30	
tert-Butylbenzene	36		"	50.0		72.7	80-127	Low Bias	9.01	30	
Tetrachloroethylene	37		"	50.0		74.1	80-129	Low Bias	9.29	30	
Toluene	43		"	50.0		87.0	85-121		9.96	30	
trans-1,2-Dichloroethylene	46		"	50.0		92.8	72-132		8.06	30	
trans-1,3-Dichloropropylene	49		"	50.0		98.0	78-132		12.0	30	
trans-1,4-dichloro-2-butene	54		"	50.0		107	75-135		12.6	30	
Trichloroethylene	39		"	50.0		78.5	84-123	Low Bias	9.39	30	
Trichlorofluoromethane	44		"	50.0		87.4	62-140		8.23	30	
Vinyl Chloride	51		"	50.0		102	52-130		12.8	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.3*		*"*	*50.0*		*96.6*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.8*		*"*	*50.0*		*97.6*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*47.5*		*"*	*50.0*		*95.0*	*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 BF10391 - EPA 5035A											
Blank (BF10391-BLK1)											
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2-Butanone	ND	5.0	"								
2-Hexanone	ND	5.0	"								
4-Methyl-2-pentanone	ND	5.0	"								
Acetone	ND	10	"								
Acrolein	ND	10	"								
Acrylonitrile	ND	5.0	"								
Benzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon disulfide	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Cyclohexane	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl acetate	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylcyclohexane	ND	5.0	"								
Methylene chloride	ND	10	"								

Prepared & Analyzed: 06/07/2021

Volatile Organic Compounds by GC/MS - Quality Control Data

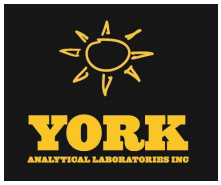
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF10391 - EPA 5035A											
Blank (BF10391-BLK1)											Prepared & Analyzed: 06/07/2021
n-Butylbenzene	ND	5.0	ug/kg wet								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butyl alcohol (TBA)	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
trans-1,4-dichloro-2-butene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.6*		*ug/L*	*50.0*		*99.3*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.4*		*"*	*50.0*		*94.9*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*46.4*		*"*	*50.0*		*92.9*	*76-130*				
Blank (BF10391-BLK2)											Prepared & Analyzed: 06/07/2021
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2-Butanone	ND	5.0	"								
2-Hexanone	ND	5.0	"								
4-Methyl-2-pentanone	ND	5.0	"								
Acetone	ND	10	"								
Acrolein	ND	10	"								
Acrylonitrile	ND	5.0	"								
Benzene	ND	5.0	"								

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 BF10391 - EPA 5035A											
Blank (BF10391-BLK2)											
Prepared & Analyzed: 06/07/2021											
Bromochloromethane	ND	5.0	ug/kg wet								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon disulfide	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Cyclohexane	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl acetate	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylcyclohexane	ND	5.0	"								
Methylene chloride	ND	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butyl alcohol (TBA)	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
trans-1,4-dichloro-2-butene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.9*		*ug/L*	*50.0*		*97.8*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.4*		*"*	*50.0*		*96.9*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*46.7*		*"*	*50.0*		*93.5*	*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 BF10391 - EPA 5035A											
LCS (BF10391-BS1)							Prepared & Analyzed: 06/07/2021				
1,1,1,2-Tetrachloroethane	49		ug/L	50.0		97.8	75-129				
1,1,1-Trichloroethane	45		"	50.0		90.9	71-137				
1,1,2,2-Tetrachloroethane	60		"	50.0		120	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	53		"	50.0		106	58-146				
1,1,2-Trichloroethane	53		"	50.0		105	83-123				
1,1-Dichloroethane	47		"	50.0		93.4	75-130				
1,1-Dichloroethylene	43		"	50.0		86.9	64-137				
1,2,3-Trichlorobenzene	49		"	50.0		98.0	81-140				
1,2,3-Trichloropropane	53		"	50.0		105	81-126				
1,2,4-Trichlorobenzene	48		"	50.0		96.2	80-141				
1,2,4-Trimethylbenzene	46		"	50.0		91.0	84-125				
1,2-Dibromo-3-chloropropane	50		"	50.0		99.3	74-142				
1,2-Dibromoethane	53		"	50.0		106	86-123				
1,2-Dichlorobenzene	48		"	50.0		95.8	85-122				
1,2-Dichloroethane	50		"	50.0		99.2	71-133				
1,2-Dichloropropane	48		"	50.0		96.4	81-122				
1,3,5-Trimethylbenzene	53		"	50.0		106	82-126				
1,3-Dichlorobenzene	47		"	50.0		93.2	84-124				
1,4-Dichlorobenzene	47		"	50.0		93.3	84-124				
1,4-Dioxane	1200		"	1050		111	10-228				
2-Butanone	46		"	50.0		91.7	58-147				
2-Hexanone	57		"	50.0		115	70-139				
4-Methyl-2-pentanone	58		"	50.0		115	72-132				
Acetone	32		"	50.0		63.8	36-155				
Acrolein	75		"	50.0		149	10-238				
Acrylonitrile	62		"	50.0		124	66-141				
Benzene	52		"	50.0		104	77-127				
Bromochloromethane	51		"	50.0		102	74-129				
Bromodichloromethane	46		"	50.0		92.1	81-124				
Bromoform	52		"	50.0		105	80-136				
Bromomethane	72		"	50.0		144	32-177				
Carbon disulfide	50		"	50.0		99.4	10-136				
Carbon tetrachloride	45		"	50.0		89.7	66-143				
Chlorobenzene	48		"	50.0		95.3	86-120				
Chloroethane	51		"	50.0		102	51-142				
Chloroform	49		"	50.0		97.5	76-131				
Chloromethane	34		"	50.0		69.0	49-132				
cis-1,2-Dichloroethylene	49		"	50.0		97.7	74-132				
cis-1,3-Dichloropropylene	50		"	50.0		100	81-129				
Cyclohexane	40		"	50.0		79.9	70-130				
Dibromochloromethane	53		"	50.0		107	10-200				
Dibromomethane	47		"	50.0		93.4	83-124				
Dichlorodifluoromethane	46		"	50.0		91.1	28-158				
Ethyl Benzene	46		"	50.0		92.9	84-125				
Hexachlorobutadiene	43		"	50.0		86.7	83-133				
Isopropylbenzene	43		"	50.0		86.0	81-127				
Methyl acetate	58		"	50.0		116	41-143				
Methyl tert-butyl ether (MTBE)	59		"	50.0		118	74-131				
Methylcyclohexane	45		"	50.0		90.7	70-130				
Methylene chloride	50		"	50.0		101	57-141				

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 BF10391 - EPA 5035A											
LCS (BF10391-BS1)								Prepared & Analyzed: 06/07/2021			
n-Butylbenzene	43		ug/L	50.0		86.8	80-130				
n-Propylbenzene	43		"	50.0		85.7	74-136				
o-Xylene	47		"	50.0		94.3	83-123				
p- & m- Xylenes	92		"	100		92.0	82-128				
p-Isopropyltoluene	44		"	50.0		88.3	85-125				
sec-Butylbenzene	45		"	50.0		89.8	83-125				
Styrene	52		"	50.0		104	86-126				
tert-Butyl alcohol (TBA)	200		"	250		80.7	70-130				
tert-Butylbenzene	38		"	50.0		76.1	80-127	Low Bias			
Tetrachloroethylene	39		"	50.0		77.1	80-129	Low Bias			
Toluene	46		"	50.0		92.2	85-121				
trans-1,2-Dichloroethylene	49		"	50.0		98.5	72-132				
trans-1,3-Dichloropropylene	53		"	50.0		106	78-132				
trans-1,4-dichloro-2-butene	61		"	50.0		122	75-135				
Trichloroethylene	41		"	50.0		82.6	84-123	Low Bias			
Trichlorofluoromethane	43		"	50.0		86.6	62-140				
Vinyl Chloride	50		"	50.0		99.6	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.4*		*"*	*50.0*		*96.8*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.9*		*"*	*50.0*		*95.8*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*47.3*		*"*	*50.0*		*94.7*	*76-130*				
LCS Dup (BF10391-BSD1)								Prepared & Analyzed: 06/07/2021			
1,1,1,2-Tetrachloroethane	49		ug/L	50.0		98.1	75-129		0.225	30	
1,1,1-Trichloroethane	45		"	50.0		90.8	71-137		0.132	30	
1,1,2,2-Tetrachloroethane	61		"	50.0		121	79-129		0.878	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	53		"	50.0		106	58-146		0.680	30	
1,1,2-Trichloroethane	54		"	50.0		108	83-123		2.68	30	
1,1-Dichloroethane	47		"	50.0		93.5	75-130		0.171	30	
1,1-Dichloroethylene	43		"	50.0		86.0	64-137		1.04	30	
1,2,3-Trichlorobenzene	52		"	50.0		104	81-140		5.65	30	
1,2,3-Trichloropropane	53		"	50.0		105	81-126		0.285	30	
1,2,4-Trichlorobenzene	51		"	50.0		103	80-141		6.75	30	
1,2,4-Trimethylbenzene	46		"	50.0		91.9	84-125		0.984	30	
1,2-Dibromo-3-chloropropane	50		"	50.0		101	74-142		1.44	30	
1,2-Dibromoethane	54		"	50.0		107	86-123		0.655	30	
1,2-Dichlorobenzene	48		"	50.0		96.2	85-122		0.354	30	
1,2-Dichloroethane	50		"	50.0		99.2	71-133		0.0605	30	
1,2-Dichloropropane	49		"	50.0		98.0	81-122		1.56	30	
1,3,5-Trimethylbenzene	53		"	50.0		107	82-126		0.959	30	
1,3-Dichlorobenzene	47		"	50.0		94.8	84-124		1.72	30	
1,4-Dichlorobenzene	48		"	50.0		95.1	84-124		1.97	30	
1,4-Dioxane	1200		"	1050		111	10-228		0.228	30	
2-Butanone	43		"	50.0		86.6	58-147		5.68	30	
2-Hexanone	56		"	50.0		113	70-139		1.92	30	
4-Methyl-2-pentanone	58		"	50.0		115	72-132		0.312	30	
Acetone	31		"	50.0		62.1	36-155		2.64	30	
Acrolein	73		"	50.0		146	10-238		2.45	30	
Acrylonitrile	61		"	50.0		122	66-141		1.14	30	
Benzene	52		"	50.0		103	77-127		0.425	30	
Bromochloromethane	51		"	50.0		101	74-129		0.393	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 BF10391 - EPA 5035A											
LCS Dup (BF10391-BSD1)								Prepared & Analyzed: 06/07/2021			
Bromodichloromethane	46		ug/L	50.0		93.0	81-124		0.951	30	
Bromoform	52		"	50.0		104	80-136		0.748	30	
Bromomethane	74		"	50.0		148	32-177		2.14	30	
Carbon disulfide	50		"	50.0		99.9	10-136		0.482	30	
Carbon tetrachloride	45		"	50.0		90.4	66-143		0.755	30	
Chlorobenzene	48		"	50.0		95.9	86-120		0.649	30	
Chloroethane	52		"	50.0		103	51-142		1.37	30	
Chloroform	48		"	50.0		96.4	76-131		1.11	30	
Chloromethane	35		"	50.0		69.5	49-132		0.751	30	
cis-1,2-Dichloroethylene	49		"	50.0		98.2	74-132		0.531	30	
cis-1,3-Dichloropropylene	50		"	50.0		101	81-129		0.497	30	
Cyclohexane	40		"	50.0		80.7	70-130		0.922	30	
Dibromochloromethane	52		"	50.0		105	10-200		1.55	30	
Dibromomethane	48		"	50.0		96.5	83-124		3.28	30	
Dichlorodifluoromethane	49		"	50.0		97.5	28-158		6.72	30	
Ethyl Benzene	47		"	50.0		93.2	84-125		0.365	30	
Hexachlorobutadiene	45		"	50.0		90.2	83-133		4.00	30	
Isopropylbenzene	43		"	50.0		85.9	81-127		0.0931	30	
Methyl acetate	56		"	50.0		112	41-143		3.27	30	
Methyl tert-butyl ether (MTBE)	59		"	50.0		117	74-131		0.679	30	
Methylcyclohexane	46		"	50.0		91.9	70-130		1.25	30	
Methylene chloride	50		"	50.0		101	57-141		0.119	30	
n-Butylbenzene	45		"	50.0		89.0	80-130		2.50	30	
n-Propylbenzene	43		"	50.0		86.3	74-136		0.721	30	
o-Xylene	47		"	50.0		94.7	83-123		0.381	30	
p- & m- Xylenes	93		"	100		92.8	82-128		0.887	30	
p-Isopropyltoluene	45		"	50.0		89.7	85-125		1.57	30	
sec-Butylbenzene	46		"	50.0		91.1	83-125		1.42	30	
Styrene	52		"	50.0		104	86-126		0.288	30	
tert-Butyl alcohol (TBA)	200		"	250		80.1	70-130		0.702	30	
tert-Butylbenzene	38		"	50.0		76.9	80-127	Low Bias	1.02	30	
Tetrachloroethylene	39		"	50.0		78.8	80-129	Low Bias	2.18	30	
Toluene	46		"	50.0		92.6	85-121		0.498	30	
trans-1,2-Dichloroethylene	49		"	50.0		98.3	72-132		0.224	30	
trans-1,3-Dichloropropylene	54		"	50.0		107	78-132		1.18	30	
trans-1,4-dichloro-2-butene	62		"	50.0		124	75-135		2.05	30	
Trichloroethylene	42		"	50.0		83.7	84-123	Low Bias	1.27	30	
Trichlorofluoromethane	44		"	50.0		87.5	62-140		1.06	30	
Vinyl Chloride	52		"	50.0		104	52-130		3.84	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.3*		*"*	*50.0*		*96.6*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.8*		*"*	*50.0*		*95.7*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*47.1*		*"*	*50.0*		*94.2*	*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 BF10392 - EPA 5035A											
Blank (BF10392-BLK1)											
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2-Butanone	ND	5.0	"								
2-Hexanone	ND	5.0	"								
4-Methyl-2-pentanone	ND	5.0	"								
Acetone	ND	10	"								
Acrolein	ND	10	"								
Acrylonitrile	ND	5.0	"								
Benzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon disulfide	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Cyclohexane	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl acetate	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylcyclohexane	ND	5.0	"								
Methylene chloride	ND	10	"								

Prepared: 06/07/2021 Analyzed: 06/08/2021

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 BF10392 - EPA 5035A											
Blank (BF10392-BLK1)											Prepared: 06/07/2021 Analyzed: 06/08/2021
n-Butylbenzene	ND	5.0	ug/kg wet								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butyl alcohol (TBA)	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
trans-1,4-dichloro-2-butene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.9*		*ug/L*	*50.0*		*99.8*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.7*		*"*	*50.0*		*97.4*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.2*		*"*	*50.0*		*102*	*76-130*				
Blank (BF10392-BLK2)											Prepared: 06/07/2021 Analyzed: 06/08/2021
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2-Butanone	ND	5.0	"								
2-Hexanone	ND	5.0	"								
4-Methyl-2-pentanone	ND	5.0	"								
Acetone	ND	10	"								
Acrolein	ND	10	"								
Acrylonitrile	ND	5.0	"								
Benzene	ND	5.0	"								

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 BF10392 - EPA 5035A											
Blank (BF10392-BLK2)											
Prepared: 06/07/2021 Analyzed: 06/08/2021											
Bromochloromethane	ND	5.0	ug/kg wet								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon disulfide	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Cyclohexane	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl acetate	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylcyclohexane	ND	5.0	"								
Methylene chloride	ND	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butyl alcohol (TBA)	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
trans-1,4-dichloro-2-butene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.6*		*ug/L*	*50.0*		*99.1*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.7*		*"*	*50.0*		*97.5*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.8*		*"*	*50.0*		*99.7*	*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 BF10392 - EPA 5035A											
LCS (BF10392-BS1)								Prepared: 06/07/2021 Analyzed: 06/08/2021			
1,1,1,2-Tetrachloroethane	56		ug/L	50.0		112	75-129				
1,1,1-Trichloroethane	57		"	50.0		114	71-137				
1,1,2,2-Tetrachloroethane	54		"	50.0		108	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	53		"	50.0		106	58-146				
1,1,2-Trichloroethane	52		"	50.0		105	83-123				
1,1-Dichloroethane	53		"	50.0		106	75-130				
1,1-Dichloroethylene	54		"	50.0		107	64-137				
1,2,3-Trichlorobenzene	51		"	50.0		101	81-140				
1,2,3-Trichloropropane	54		"	50.0		108	81-126				
1,2,4-Trichlorobenzene	50		"	50.0		100	80-141				
1,2,4-Trimethylbenzene	50		"	50.0		99.6	84-125				
1,2-Dibromo-3-chloropropane	61		"	50.0		123	74-142				
1,2-Dibromoethane	54		"	50.0		108	86-123				
1,2-Dichlorobenzene	51		"	50.0		102	85-122				
1,2-Dichloroethane	56		"	50.0		113	71-133				
1,2-Dichloropropane	52		"	50.0		104	81-122				
1,3,5-Trimethylbenzene	51		"	50.0		102	82-126				
1,3-Dichlorobenzene	49		"	50.0		98.1	84-124				
1,4-Dichlorobenzene	49		"	50.0		97.7	84-124				
1,4-Dioxane	1200		"	1050		115	10-228				
2-Butanone	60		"	50.0		120	58-147				
2-Hexanone	58		"	50.0		117	70-139				
4-Methyl-2-pentanone	57		"	50.0		115	72-132				
Acetone	56		"	50.0		112	36-155				
Acrolein	80		"	50.0		160	10-238				
Acrylonitrile	60		"	50.0		119	66-141				
Benzene	56		"	50.0		111	77-127				
Bromochloromethane	55		"	50.0		110	74-129				
Bromodichloromethane	56		"	50.0		113	81-124				
Bromoform	53		"	50.0		106	80-136				
Bromomethane	50		"	50.0		99.9	32-177				
Carbon disulfide	69		"	50.0		139	10-136	High Bias			
Carbon tetrachloride	55		"	50.0		110	66-143				
Chlorobenzene	51		"	50.0		103	86-120				
Chloroethane	45		"	50.0		90.4	51-142				
Chloroform	56		"	50.0		113	76-131				
Chloromethane	51		"	50.0		103	49-132				
cis-1,2-Dichloroethylene	55		"	50.0		110	74-132				
cis-1,3-Dichloropropylene	52		"	50.0		105	81-129				
Cyclohexane	51		"	50.0		102	70-130				
Dibromochloromethane	52		"	50.0		104	10-200				
Dibromomethane	54		"	50.0		108	83-124				
Dichlorodifluoromethane	49		"	50.0		97.2	28-158				
Ethyl Benzene	52		"	50.0		104	84-125				
Hexachlorobutadiene	50		"	50.0		100	83-133				
Isopropylbenzene	50		"	50.0		99.5	81-127				
Methyl acetate	51		"	50.0		102	41-143				
Methyl tert-butyl ether (MTBE)	57		"	50.0		113	74-131				
Methylcyclohexane	49		"	50.0		98.0	70-130				
Methylene chloride	55		"	50.0		111	57-141				

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 BF10392 - EPA 5035A											
LCS (BF10392-BS1)								Prepared: 06/07/2021 Analyzed: 06/08/2021			
n-Butylbenzene	48		ug/L	50.0		95.2	80-130				
n-Propylbenzene	49		"	50.0		98.5	74-136				
o-Xylene	52		"	50.0		104	83-123				
p- & m- Xylenes	110		"	100		106	82-128				
p-Isopropyltoluene	51		"	50.0		102	85-125				
sec-Butylbenzene	53		"	50.0		106	83-125				
Styrene	53		"	50.0		107	86-126				
tert-Butyl alcohol (TBA)	380		"	250		150	70-130	High Bias			
tert-Butylbenzene	51		"	50.0		101	80-127				
Tetrachloroethylene	48		"	50.0		95.7	80-129				
Toluene	52		"	50.0		103	85-121				
trans-1,2-Dichloroethylene	58		"	50.0		116	72-132				
trans-1,3-Dichloropropylene	47		"	50.0		94.7	78-132				
trans-1,4-dichloro-2-butene	56		"	50.0		112	75-135				
Trichloroethylene	53		"	50.0		107	84-123				
Trichlorofluoromethane	51		"	50.0		103	62-140				
Vinyl Chloride	53		"	50.0		105	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.5*		*"*	*50.0*		*101*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.8*		*"*	*50.0*		*97.5*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.2*		*"*	*50.0*		*98.4*	*76-130*				
LCS Dup (BF10392-BSD1)								Prepared: 06/07/2021 Analyzed: 06/08/2021			
1,1,1,2-Tetrachloroethane	57		ug/L	50.0		114	75-129		1.54	30	
1,1,1-Trichloroethane	59		"	50.0		119	71-137		3.99	30	
1,1,2,2-Tetrachloroethane	55		"	50.0		111	79-129		1.84	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	54		"	50.0		108	58-146		1.53	30	
1,1,2-Trichloroethane	53		"	50.0		106	83-123		0.797	30	
1,1-Dichloroethane	54		"	50.0		108	75-130		1.88	30	
1,1-Dichloroethylene	56		"	50.0		112	64-137		4.18	30	
1,2,3-Trichlorobenzene	52		"	50.0		103	81-140		1.80	30	
1,2,3-Trichloropropane	56		"	50.0		111	81-126		2.90	30	
1,2,4-Trichlorobenzene	51		"	50.0		103	80-141		2.80	30	
1,2,4-Trimethylbenzene	52		"	50.0		103	84-125		3.37	30	
1,2-Dibromo-3-chloropropane	60		"	50.0		120	74-142		1.93	30	
1,2-Dibromoethane	54		"	50.0		107	86-123		1.02	30	
1,2-Dichlorobenzene	52		"	50.0		103	85-122		1.83	30	
1,2-Dichloroethane	58		"	50.0		116	71-133		2.40	30	
1,2-Dichloropropane	53		"	50.0		106	81-122		1.88	30	
1,3,5-Trimethylbenzene	53		"	50.0		106	82-126		3.06	30	
1,3-Dichlorobenzene	51		"	50.0		101	84-124		3.19	30	
1,4-Dichlorobenzene	50		"	50.0		100	84-124		2.41	30	
1,4-Dioxane	1200		"	1050		111	10-228		3.27	30	
2-Butanone	60		"	50.0		121	58-147		0.282	30	
2-Hexanone	59		"	50.0		117	70-139		0.461	30	
4-Methyl-2-pentanone	57		"	50.0		114	72-132		0.420	30	
Acetone	52		"	50.0		104	36-155		7.94	30	
Acrolein	79		"	50.0		158	10-238		1.40	30	
Acrylonitrile	60		"	50.0		121	66-141		1.17	30	
Benzene	57		"	50.0		114	77-127		2.31	30	
Bromochloromethane	55		"	50.0		111	74-129		1.05	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 BF10392 - EPA 5035A											
LCS Dup (BF10392-BSD1)									Prepared: 06/07/2021 Analyzed: 06/08/2021		
Bromodichloromethane	57		ug/L	50.0		113	81-124		0.479	30	
Bromoform	53		"	50.0		105	80-136		0.511	30	
Bromomethane	53		"	50.0		107	32-177		6.55	30	
Carbon disulfide	72		"	50.0		143	10-136	High Bias	3.20	30	
Carbon tetrachloride	56		"	50.0		112	66-143		1.41	30	
Chlorobenzene	53		"	50.0		105	86-120		2.44	30	
Chloroethane	51		"	50.0		102	51-142		11.8	30	
Chloroform	58		"	50.0		116	76-131		2.42	30	
Chloromethane	52		"	50.0		105	49-132		1.81	30	
cis-1,2-Dichloroethylene	57		"	50.0		114	74-132		2.73	30	
cis-1,3-Dichloropropylene	53		"	50.0		105	81-129		0.533	30	
Cyclohexane	53		"	50.0		105	70-130		3.21	30	
Dibromochloromethane	52		"	50.0		104	10-200		0.0768	30	
Dibromomethane	53		"	50.0		106	83-124		2.07	30	
Dichlorodifluoromethane	49		"	50.0		98.6	28-158		1.41	30	
Ethyl Benzene	53		"	50.0		106	84-125		2.04	30	
Hexachlorobutadiene	53		"	50.0		105	83-133		4.94	30	
Isopropylbenzene	51		"	50.0		103	81-127		3.19	30	
Methyl acetate	51		"	50.0		102	41-143		0.510	30	
Methyl tert-butyl ether (MTBE)	58		"	50.0		115	74-131		1.71	30	
Methylcyclohexane	50		"	50.0		101	70-130		2.62	30	
Methylene chloride	56		"	50.0		113	57-141		1.59	30	
n-Butylbenzene	51		"	50.0		101	80-130		6.25	30	
n-Propylbenzene	51		"	50.0		102	74-136		3.30	30	
o-Xylene	53		"	50.0		106	83-123		1.81	30	
p- & m- Xylenes	110		"	100		107	82-128		1.35	30	
p-Isopropyltoluene	53		"	50.0		107	85-125		4.42	30	
sec-Butylbenzene	55		"	50.0		109	83-125		2.96	30	
Styrene	54		"	50.0		108	86-126		1.43	30	
tert-Butyl alcohol (TBA)	380		"	250		150	70-130	High Bias	0.0213	30	
tert-Butylbenzene	52		"	50.0		104	80-127		2.86	30	
Tetrachloroethylene	49		"	50.0		97.7	80-129		2.05	30	
Toluene	53		"	50.0		105	85-121		1.94	30	
trans-1,2-Dichloroethylene	60		"	50.0		120	72-132		3.36	30	
trans-1,3-Dichloropropylene	48		"	50.0		95.0	78-132		0.316	30	
trans-1,4-dichloro-2-butene	57		"	50.0		114	75-135		1.65	30	
Trichloroethylene	54		"	50.0		108	84-123		1.36	30	
Trichlorofluoromethane	54		"	50.0		108	62-140		4.62	30	
Vinyl Chloride	54		"	50.0		108	52-130		2.85	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.0*		*"*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.8*		*"*	*50.0*		*97.6*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.8*		*"*	*50.0*		*99.7*	*76-130*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF10101 - EPA 3510C/1311											
Blank (BF10101-BLK1)									Prepared: 06/02/2021 Analyzed: 06/03/2021		
1,4-Dichlorobenzene	ND	10.0	ug/L								
2,4,5-Trichlorophenol	ND	10.0	"								
2,4,6-Trichlorophenol	ND	10.0	"								
2,4-Dinitrotoluene	ND	10.0	"								
2-Methylphenol	ND	10.0	"								
3- & 4-Methylphenols	ND	20.0	"								
Cresols, total	ND	30.0	"								
Hexachlorobenzene	ND	10.0	"								
Hexachlorobutadiene	ND	10.0	"								
Hexachloroethane	ND	10.0	"								
Nitrobenzene	ND	10.0	"								
Pentachlorophenol	ND	10.0	"								
Pyridine	ND	10.0	"								
Surrogate: SURR: 2-Fluorophenol	*57.6*		*"*	*100*		*57.6*	*10-90.9*				
Surrogate: SURR: Phenol-d5	*38.6*		*"*	*100*		*38.6*	*10-69.2*				
Surrogate: SURR: Nitrobenzene-d5	*42.5*		*"*	*50.0*		*85.0*	*19.2-141*				
Surrogate: SURR: 2-Fluorobiphenyl	*42.3*		*"*	*50.0*		*84.6*	*24.8-127*				
Surrogate: SURR: 2,4,6-Tribromophenol	*105*		*"*	*100*		*105*	*23-163*				
Surrogate: SURR: Terphenyl-d14	*54.6*		*"*	*50.0*		*109*	*25.8-110*				
LCS (BF10101-BS1)									Prepared: 06/02/2021 Analyzed: 06/03/2021		
1,4-Dichlorobenzene	30.8	10.0	ug/L	50.0		61.6	42.7-102				
2,4,5-Trichlorophenol	36.5	10.0	"	50.0		73.0	33-141				
2,4,6-Trichlorophenol	35.8	10.0	"	50.0		71.6	35-138				
2,4-Dinitrotoluene	41.6	10.0	"	50.0		83.2	38.6-153				
2-Methylphenol	29.7	10.0	"	50.0		59.5	34.7-106				
3- & 4-Methylphenols	24.0	20.0	"	50.0		48.0	30.1-94				
Cresols, total	53.7	30.0	"	100		53.7	30.1-106				
Hexachlorobenzene	32.6	10.0	"	50.0		65.2	38.9-109				
Hexachlorobutadiene	37.2	10.0	"	50.0		74.3	24.3-132				
Hexachloroethane	28.8	10.0	"	50.0		57.6	36.7-102				
Nitrobenzene	32.4	10.0	"	50.0		64.7	33.3-122				
Pentachlorophenol	32.7	10.0	"	50.0		65.5	22.2-137				
Pyridine	15.9	10.0	"	50.5		31.5	14.9-73.5				
Surrogate: SURR: 2-Fluorophenol	*52.7*		*"*	*100*		*52.7*	*10-90.9*				
Surrogate: SURR: Phenol-d5	*38.9*		*"*	*100*		*38.9*	*10-69.2*				
Surrogate: SURR: Nitrobenzene-d5	*37.6*		*"*	*50.0*		*75.2*	*19.2-141*				
Surrogate: SURR: 2-Fluorobiphenyl	*37.6*		*"*	*50.0*		*75.1*	*24.8-127*				
Surrogate: SURR: 2,4,6-Tribromophenol	*102*		*"*	*100*		*102*	*23-163*				
Surrogate: SURR: Terphenyl-d14	*54.9*		*"*	*50.0*		*110*	*25.8-110*				

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 BF10101 - EPA 3510C/1311											
LCS Dup (BF10101-BSD1)									Prepared: 06/02/2021 Analyzed: 06/03/2021		
1,4-Dichlorobenzene	34.1	10.0	ug/L	50.0		68.3	42.7-102		10.4	21.2	
2,4,5-Trichlorophenol	37.3	10.0	"	50.0		74.6	33-141		2.17	22.9	
2,4,6-Trichlorophenol	36.7	10.0	"	50.0		73.5	35-138		2.54	23.4	
2,4-Dinitrotoluene	38.8	10.0	"	50.0		77.7	38.6-153		6.86	24.8	
2-Methylphenol	33.2	10.0	"	50.0		66.4	34.7-106		11.0	25.9	
3- & 4-Methylphenols	27.0	20.0	"	50.0		54.0	30.1-94		11.8	24.9	
Cresols, total	60.2	30.0	"	100		60.2	30.1-106		11.4	25.9	
Hexachlorobenzene	32.2	10.0	"	50.0		64.4	38.9-109		1.11	27.1	
Hexachlorobutadiene	39.7	10.0	"	50.0		79.5	24.3-132		6.71	22	
Hexachloroethane	33.3	10.0	"	50.0		66.5	36.7-102		14.3	20.4	
Nitrobenzene	35.4	10.0	"	50.0		70.8	33.3-122		8.97	24.1	
Pentachlorophenol	32.1	10.0	"	50.0		64.1	22.2-137		2.10	36.9	
Pyridine	17.6	10.0	"	50.5		34.9	14.9-73.5		10.4	50	
Surrogate: SURR: 2-Fluorophenol	*61.6*		*"*	*100*		*61.6*	*10-90.9*				
Surrogate: SURR: Phenol-d5	*41.9*		*"*	*100*		*41.9*	*10-69.2*				
Surrogate: SURR: Nitrobenzene-d5	*40.7*		*"*	*50.0*		*81.4*	*19.2-141*				
Surrogate: SURR: 2-Fluorobiphenyl	*39.0*		*"*	*50.0*		*78.0*	*24.8-127*				
Surrogate: SURR: 2,4,6-Tribromophenol	*100*		*"*	*100*		*100*	*23-163*				
Surrogate: SURR: Terphenyl-d14	*54.3*		*"*	*50.0*		*109*	*25.8-110*				
Leach Fluid Blank (BF10101-LBK1)									Prepared: 06/02/2021 Analyzed: 06/03/2021		
1,4-Dichlorobenzene	ND	10.0	ug/L								
2,4,5-Trichlorophenol	ND	10.0	"								
2,4,6-Trichlorophenol	ND	10.0	"								
2,4-Dinitrotoluene	ND	10.0	"								
2-Methylphenol	ND	10.0	"								
3- & 4-Methylphenols	ND	20.0	"								
Cresols, total	ND	30.0	"								
Hexachlorobenzene	ND	10.0	"								
Hexachlorobutadiene	ND	10.0	"								
Hexachloroethane	ND	10.0	"								
Nitrobenzene	ND	10.0	"								
Pentachlorophenol	ND	10.0	"								
Pyridine	ND	10.0	"								
Surrogate: SURR: 2-Fluorophenol	*62.2*		*"*	*100*		*62.2*	*10-90.9*				
Surrogate: SURR: Phenol-d5	*46.2*		*"*	*100*		*46.2*	*10-69.2*				
Surrogate: SURR: Nitrobenzene-d5	*45.0*		*"*	*50.0*		*89.9*	*19.2-141*				
Surrogate: SURR: 2-Fluorobiphenyl	*43.6*		*"*	*50.0*		*87.2*	*24.8-127*				
Surrogate: SURR: 2,4,6-Tribromophenol	*115*		*"*	*100*		*115*	*23-163*				
Surrogate: SURR: Terphenyl-d14	*62.2*		*"*	*50.0*		*124*	*25.8-110*				

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 BF10101 - EPA 3510C/1311											
Matrix Spike (BF10101-MS1)	*Source sample: 21E1234-01 (Matrix Spike)							Prepared: 06/02/2021 Analyzed: 06/03/2021			
1,4-Dichlorobenzene	26.6	10.0	ug/L	50.0	ND	53.2	26-95				
2,4,5-Trichlorophenol	36.5	10.0	"	50.0	ND	73.0	44-96				
2,4,6-Trichlorophenol	33.3	10.0	"	50.0	ND	66.6	39-107				
2,4-Dinitrotoluene	39.2	10.0	"	50.0	ND	78.3	26-120				
2-Methylphenol	26.6	10.0	"	50.0	ND	53.1	10-118				
3- & 4-Methylphenols	22.5	20.0	"	50.0	ND	45.0	10-102				
Cresols, total	49.1	30.0	"	100	ND	49.1	30-130				
Hexachlorobenzene	29.8	10.0	"	50.0	ND	59.7	24-120				
Hexachlorobutadiene	31.8	10.0	"	50.0	ND	63.6	26-98				
Hexachloroethane	25.1	10.0	"	50.0	ND	50.3	11-102				
Nitrobenzene	28.1	10.0	"	50.0	ND	56.2	25-107				
Pentachlorophenol	35.6	10.0	"	50.0	ND	71.1	10-181				
Pyridine	17.6	10.0	"	50.5	ND	34.9	10-73				
Surrogate: SURR: 2-Fluorophenol	*49.0*		*"*	*100*		*49.0*	*10-90.9*				
Surrogate: SURR: Phenol-d5	*37.6*		*"*	*100*		*37.6*	*10-69.2*				
Surrogate: SURR: Nitrobenzene-d5	*32.8*		*"*	*50.0*		*65.5*	*19.2-141*				
Surrogate: SURR: 2-Fluorobiphenyl	*32.9*		*"*	*50.0*		*65.7*	*24.8-127*				
Surrogate: SURR: 2,4,6-Tribromophenol	*100*		*"*	*100*		*100*	*23-163*				
Surrogate: SURR: Terphenyl-d14	*53.8*		*"*	*50.0*		*108*	*25.8-110*				

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 BF10001 - EPA 3550C											
Blank (BF10001-BLK1)											Prepared: 06/01/2021 Analyzed: 06/02/2021
4,4'-DDD	ND	1.64	ug/kg wet								
4,4'-DDE	ND	1.64	"								
4,4'-DDT	ND	1.64	"								
Aldrin	ND	1.64	"								
alpha-BHC	ND	1.64	"								
alpha-Chlordane	ND	1.64	"								
beta-BHC	ND	1.64	"								
Chlordane, total	ND	32.9	"								
delta-BHC	ND	1.64	"								
Dieldrin	ND	1.64	"								
Endosulfan I	ND	1.64	"								
Endosulfan II	ND	1.64	"								
Endosulfan sulfate	ND	1.64	"								
Endrin	ND	1.64	"								
Endrin aldehyde	ND	1.64	"								
Endrin ketone	ND	1.64	"								
gamma-BHC (Lindane)	ND	1.64	"								
gamma-Chlordane	ND	1.64	"								
Heptachlor	ND	1.64	"								
Heptachlor epoxide	ND	1.64	"								
Methoxychlor	ND	8.22	"								
Toxaphene	ND	83.2	"								
Surrogate: Decachlorobiphenyl	*48.0*		*"*	*66.4*		*72.2*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*50.1*		*"*	*66.4*		*75.4*	*30-150*				
LCS (BF10001-BS1)											Prepared: 06/01/2021 Analyzed: 06/02/2021
4,4'-DDD	31.5	1.64	ug/kg wet	33.2		94.7	40-140				
4,4'-DDE	18.7	1.64	"	33.2		56.4	40-140				
4,4'-DDT	13.7	1.64	"	33.2		41.3	40-140				
Aldrin	29.4	1.64	"	33.2		88.5	40-140				
alpha-BHC	26.3	1.64	"	33.2		79.1	40-140				
alpha-Chlordane	28.6	1.64	"	33.2		86.2	40-140				
beta-BHC	28.4	1.64	"	33.2		85.5	40-140				
delta-BHC	27.0	1.64	"	33.2		81.3	40-140				
Dieldrin	29.0	1.64	"	33.2		87.3	40-140				
Endosulfan I	38.1	1.64	"	33.2		115	40-140				
Endosulfan II	29.9	1.64	"	33.2		89.9	40-140				
Endosulfan sulfate	27.7	1.64	"	33.2		83.3	40-140				
Endrin	23.1	1.64	"	33.2		69.6	40-140				
Endrin aldehyde	30.4	1.64	"	33.2		91.6	40-140				
Endrin ketone	29.0	1.64	"	33.2		87.4	40-140				
gamma-BHC (Lindane)	26.5	1.64	"	33.2		79.8	40-140				
gamma-Chlordane	28.6	1.64	"	33.2		86.1	40-140				
Heptachlor	29.4	1.64	"	33.2		88.3	40-140				
Heptachlor epoxide	29.5	1.64	"	33.2		88.8	40-140				
Methoxychlor	14.6	8.22	"	33.2		43.9	40-140				
Surrogate: Decachlorobiphenyl	*43.8*		*"*	*66.4*		*65.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*48.8*		*"*	*66.4*		*73.4*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF10001 - EPA 3550C											
Matrix Spike (BF10001-MS1)	*Source sample: 21E1261-05 (Matrix Spike)								Prepared: 06/01/2021 Analyzed: 06/02/2021		
4,4'-DDD	28.6	1.65	ug/kg dry	33.4	ND	85.6	30-150				
4,4'-DDE	16.1	1.65	"	33.4	ND	48.3	30-150				
4,4'-DDT	14.5	1.65	"	33.4	ND	43.4	30-150				
Aldrin	30.2	1.65	"	33.4	ND	90.3	30-150				
alpha-BHC	25.8	1.65	"	33.4	ND	77.1	30-150				
alpha-Chlordane	29.3	1.65	"	33.4	ND	87.6	30-150				
beta-BHC	28.0	1.65	"	33.4	ND	83.9	30-150				
delta-BHC	25.2	1.65	"	33.4	ND	75.4	30-150				
Dieldrin	29.6	1.65	"	33.4	ND	88.5	30-150				
Endosulfan I	42.0	1.65	"	33.4	ND	126	30-150				
Endosulfan II	29.8	1.65	"	33.4	ND	89.1	30-150				
Endosulfan sulfate	24.9	1.65	"	33.4	ND	74.5	30-150				
Endrin	19.7	1.65	"	33.4	ND	59.0	30-150				
Endrin aldehyde	24.7	1.65	"	33.4	ND	73.8	30-150				
Endrin ketone	28.7	1.65	"	33.4	ND	86.0	30-150				
gamma-BHC (Lindane)	26.2	1.65	"	33.4	ND	78.4	30-150				
gamma-Chlordane	29.4	1.65	"	33.4	ND	87.8	30-150				
Heptachlor	27.7	1.65	"	33.4	ND	82.9	30-150				
Heptachlor epoxide	29.6	1.65	"	33.4	ND	88.6	30-150				
Methoxychlor	11.5	8.27	"	33.4	ND	34.4	30-150				
Surrogate: Decachlorobiphenyl	*58.9*		*"*	*66.8*		*88.2*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*60.7*		*"*	*66.8*		*90.8*	*30-150*				
Matrix Spike Dup (BF10001-MSD1)	*Source sample: 21E1261-05 (Matrix Spike Dup)								Prepared: 06/01/2021 Analyzed: 06/02/2021		
4,4'-DDD	29.1	1.65	ug/kg dry	33.4	ND	87.1	30-150		1.74	30	
4,4'-DDE	15.9	1.65	"	33.4	ND	47.6	30-150		1.43	30	
4,4'-DDT	13.4	1.65	"	33.4	ND	40.1	30-150		7.84	30	
Aldrin	30.5	1.65	"	33.4	ND	91.4	30-150		1.17	30	
alpha-BHC	26.9	1.65	"	33.4	ND	80.5	30-150		4.28	30	
alpha-Chlordane	29.6	1.65	"	33.4	ND	88.6	30-150		1.18	30	
beta-BHC	28.8	1.65	"	33.4	ND	86.2	30-150		2.71	30	
delta-BHC	26.1	1.65	"	33.4	ND	78.2	30-150		3.63	30	
Dieldrin	30.0	1.65	"	33.4	ND	89.7	30-150		1.29	30	
Endosulfan I	42.9	1.65	"	33.4	ND	128	30-150		2.18	30	
Endosulfan II	30.5	1.65	"	33.4	ND	91.2	30-150		2.39	30	
Endosulfan sulfate	26.0	1.65	"	33.4	ND	77.9	30-150		4.40	30	
Endrin	21.1	1.65	"	33.4	ND	63.0	30-150		6.63	30	
Endrin aldehyde	25.1	1.65	"	33.4	ND	75.2	30-150		1.82	30	
Endrin ketone	29.8	1.65	"	33.4	ND	89.3	30-150		3.77	30	
gamma-BHC (Lindane)	27.1	1.65	"	33.4	ND	81.2	30-150		3.41	30	
gamma-Chlordane	29.7	1.65	"	33.4	ND	88.8	30-150		1.13	30	
Heptachlor	29.4	1.65	"	33.4	ND	88.1	30-150		6.08	30	
Heptachlor epoxide	30.2	1.65	"	33.4	ND	90.4	30-150		2.04	30	
Methoxychlor	11.9	8.27	"	33.4	ND	35.7	30-150		3.71	30	
Surrogate: Decachlorobiphenyl	*63.3*		*"*	*66.8*		*94.8*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*62.7*		*"*	*66.8*		*93.7*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch Y1D0212 - BC11630											
Performance Mix (Y1D0212-PEM1)								Prepared & Analyzed: 04/01/2021			
4,4'-DDD	10.7		ng/mL	0.00			0-200				
4,4'-DDE	0.811		"	0.00			0-200				
4,4'-DDT	247		"	200		123	0-200				
Endrin	129		"	100		129	0-200				
Endrin aldehyde	0.667		"	0.00			0-200				
Endrin ketone	2.54		"	0.00			0-200				
Batch Y1F0303 - BE11374											
Performance Mix (Y1F0303-PEM1)								Prepared & Analyzed: 06/02/2021			
4,4'-DDD	27.4		ng/mL	0.00			0-200				
4,4'-DDE	2.38		"	0.00			0-200				
4,4'-DDT	300		"	200		150	0-200				
Endrin	174		"	100		174	0-200				
Endrin aldehyde	4.48		"	0.00			0-200				
Endrin ketone	16.1		"	0.00			0-200				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF10001 - EPA 3550C											
Blank (BF10001-BLK2)											Prepared & Analyzed: 06/01/2021
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0585*		*"*	*0.0664*		*88.0*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0478*		*"*	*0.0664*		*72.0*	*30-140*				
LCS (BF10001-BS2)											Prepared & Analyzed: 06/01/2021
Aroclor 1016	0.316	0.0166	mg/kg wet	0.332		95.1	40-130				
Aroclor 1260	0.305	0.0166	"	0.332		91.7	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0588*		*"*	*0.0664*		*88.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0475*		*"*	*0.0664*		*71.5*	*30-140*				
Batch Y1F0208 - BE11318											
Aroclor Reference (Y1F0208-ARC1)											Prepared & Analyzed: 06/01/2021
Surrogate: Tetrachloro-m-xylene	*0.229*		*ug/mL*	*0.200*		*114*					
Surrogate: Decachlorobiphenyl	*0.208*		*"*	*0.200*		*104*					

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 BF10060 - EPA 3550C/8151A											
Blank (BF10060-BLK1)								Prepared & Analyzed: 06/02/2021			
2,4,5-T	ND	19.9	ug/kg wet								
2,4,5-TP (Silvex)	ND	19.9	"								
2,4-D	ND	19.9	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*415*		*"*	*415*		*100*	*21-150*				
LCS (BF10060-BS1)								Prepared & Analyzed: 06/02/2021			
2,4,5-T	99.7	19.9	ug/kg wet	133		75.0	10-120				
2,4,5-TP (Silvex)	102	19.9	"	133		76.9	10-120				
2,4-D	101	19.9	"	133		76.2	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*387*		*"*	*415*		*93.2*	*21-150*				
Matrix Spike (BF10060-MS1)	*Source sample: 21E1205-14 (Matrix Spike)							Prepared & Analyzed: 06/02/2021			
2,4,5-T	120	22.1	ug/kg dry	147	ND	81.9	10-120				
2,4,5-TP (Silvex)	133	22.1	"	147	ND	90.6	10-120				
2,4-D	173	22.1	"	147	ND	117	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*461*		*"*	*460*		*100*	*21-150*				
Matrix Spike Dup (BF10060-MSD1)	*Source sample: 21E1205-14 (Matrix Spike Dup)							Prepared & Analyzed: 06/02/2021			
2,4,5-T	141	22.1	ug/kg dry	147	ND	95.6	10-120		15.5	35	
2,4,5-TP (Silvex)	145	22.1	"	147	ND	98.7	10-120		8.58	35	
2,4-D	164	22.1	"	147	ND	111	10-118		5.46	35	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*440*		*"*	*460*		*95.6*	*21-150*				

Gas Chromatography/Flame Ionization Detector - 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 BF10061 - EPA 3546 EPH											
Blank (BF10061-BLK1)								Prepared & Analyzed: 06/02/2021			
Total EPH	ND	49.5	mg/kg wet								
Surrogate: 1-Chlorooctadecane	*8.70*		"	*9.90*		*87.9*	*31.6-128*				
Surrogate: o-Terphenyl	*8.46*		"	*9.90*		*85.4*	*28.7-124*				
LCS (BF10061-BS1)								Prepared & Analyzed: 06/02/2021			
Total EPH	106	49.5	mg/kg wet	158		67.1	40-140				
Surrogate: 1-Chlorooctadecane	*6.38*		"	*9.90*		*64.5*	*31.6-128*				
Surrogate: o-Terphenyl	*6.52*		"	*9.90*		*65.8*	*28.7-124*				
LCS Dup (BF10061-BSD1)								Prepared & Analyzed: 06/02/2021			
Total EPH	139	49.5	mg/kg wet	158		87.9	40-140		26.9	30	
Surrogate: 1-Chlorooctadecane	*8.65*		"	*9.90*		*87.3*	*31.6-128*				
Surrogate: o-Terphenyl	*8.57*		"	*9.90*		*86.6*	*28.7-124*				
Duplicate (BF10061-DUP1)	*Source sample: 21F0043-11 (Duplicate)							Prepared & Analyzed: 06/02/2021			
Total EPH	ND	50.4	mg/kg dry		ND					200	
Surrogate: 1-Chlorooctadecane	*7.95*		"	*10.1*		*78.8*	*31.6-128*				
Surrogate: o-Terphenyl	*8.06*		"	*10.1*		*79.9*	*28.7-124*				
Matrix Spike (BF10061-MS1)	*Source sample: 21F0043-11 (Matrix Spike)							Prepared: 06/02/2021 Analyzed: 06/03/2021			
Total EPH	105	50.4	mg/kg dry	161	ND	65.3	30-140				
Surrogate: 1-Chlorooctadecane	*6.02*		"	*10.1*		*59.6*	*31.6-128*				
Surrogate: o-Terphenyl	*5.97*		"	*10.1*		*59.2*	*28.7-124*				

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 BF10030 - EPA 3050B											
Blank (BF10030-BLK1)											Prepared: 06/01/2021 Analyzed: 06/03/2021
Aluminum	6.90	5.00	mg/kg wet								
Antimony	ND	2.50	"								
Arsenic	ND	1.50	"								
Barium	ND	2.50	"								
Beryllium	ND	0.050	"								
Cadmium	ND	0.300	"								
Calcium	6.74	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.400	"								
Copper	ND	2.00	"								
Iron	ND	25.0	"								
Lead	ND	0.500	"								
Magnesium	33.9	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	1.00	"								
Potassium	ND	5.00	"								
Selenium	ND	2.50	"								
Silver	ND	0.500	"								
Sodium	55.6	50.0	"								
Thallium	ND	2.50	"								
Vanadium	ND	1.00	"								
Zinc	ND	2.50	"								
Duplicate (BF10030-DUP1)	*Source sample: 21E1163-07 (Duplicate)										Prepared: 06/01/2021 Analyzed: 06/08/2021
Aluminum	9720	54.5	mg/kg dry		10200				4.73	35	
Antimony	ND	27.3	"		ND					35	
Arsenic	ND	16.4	"		ND					35	
Barium	269	27.3	"		268				0.201	35	
Beryllium	ND	0.545	"		ND					35	
Cadmium	ND	3.27	"		ND					35	
Calcium	95100	54.5	"		ND					35	
Chromium	17.4	5.45	"		15.5				11.4	35	
Cobalt	8.01	4.36	"		6.56				19.9	35	
Copper	34.8	21.8	"		25.7				30.2	35	
Iron	15600	273	"		12800				20.0	35	
Lead	400	5.45	"		483				18.8	35	
Magnesium	42400	54.5	"		27800				41.6	35	Non-dir.
Manganese	337	5.45	"		330				2.16	35	
Nickel	13.6	10.9	"		ND					35	
Potassium	2850	54.5	"		7180				86.2	35	Non-dir.
Selenium	51.8	27.3	"		ND					35	
Silver	ND	5.45	"		ND					35	
Sodium	ND	545	"		739					35	
Thallium	ND	27.3	"		ND					35	
Vanadium	27.3	10.9	"		24.9				9.24	35	
Zinc	256	27.3	"		248				3.26	35	

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 BF10030 - EPA 3050B											
Matrix Spike (BF10030-MS1)	*Source sample: 21E1163-07 (Matrix Spike)							Prepared: 06/01/2021 Analyzed: 06/08/2021			
Aluminum	8820	54.5	mg/kg dry	218	10200	NR	75-125	Low Bias			
Antimony	ND	27.3	"	27.3	ND		75-125	Low Bias			
Arsenic	251	1.64	"	218	4.34	113	75-125				
Barium	521	2.73	"	218	268	116	75-125				
Beryllium	4.43	0.055	"	5.45	ND	81.2	75-125				
Cadmium	6.62	0.327	"	5.45	0.703	109	75-125				
Calcium	93100	54.5	"	109	ND	NR	75-125	High Bias			
Chromium	37.4	0.545	"	21.8	15.5	100	75-125				
Cobalt	65.3	0.436	"	54.5	6.56	108	75-125				
Copper	61.6	21.8	"	27.3	25.7	132	75-125	High Bias			
Iron	14400	273	"	109	12800	NR	75-125	High Bias			
Lead	485	5.45	"	54.5	483	4.21	75-125	Low Bias			
Magnesium	37600	54.5	"	109	27800	NR	75-125	High Bias			
Manganese	386	5.45	"	54.5	330	103	75-125				
Nickel	62.5	1.09	"	54.5	ND	115	75-125				
Potassium	2370	54.5	"	109	7180	NR	75-125	Low Bias			
Selenium	204	2.73	"	218	ND	93.6	75-125				
Silver	ND	5.45	"	5.45	ND		75-125	Low Bias			
Sodium	ND	545	"	109	739	NR	75-125	Low Bias			
Thallium	221	2.73	"	218	ND	101	75-125				
Vanadium	83.5	1.09	"	54.5	24.9	107	75-125				
Zinc	352	27.3	"	54.5	248	191	75-125	High Bias			
Post Spike (BF10030-PS1)	*Source sample: 21E1163-07 (Post Spike)							Prepared: 06/01/2021 Analyzed: 06/03/2021			
Aluminum	97.5		ug/mL	2.00	93.5	204	75-125	High Bias			
Antimony	0.290		"	0.250	-0.014	116	75-125				
Arsenic	2.42		"	2.00	0.040	119	75-125				
Barium	4.64		"	2.00	2.46	109	75-125				
Beryllium	0.045		"	0.0500	-0.012	89.9	75-125				
Cadmium	0.062		"	0.0500	0.006	112	75-125				
Chromium	0.353		"	0.200	0.142	106	75-125				
Cobalt	0.630		"	0.500	0.060	114	75-125				
Copper	0.549		"	0.250	0.235	126	75-125	High Bias			
Iron	120		"	1.00	117	279	75-125	High Bias			
Lead	4.98		"	0.500	4.42	111	75-125				
Magnesium	260		"	1.00	255	458	75-125	High Bias			
Manganese	3.61		"	0.500	3.03	117	75-125				
Nickel	0.602		"	0.500	-0.021	120	75-125				
Potassium	71.1		"	1.00	65.8	535	75-125	High Bias			
Selenium	2.02		"	2.00	-0.175	101	75-125				
Silver	0.053		"	0.0500	-0.012	107	75-125				
Sodium	8.62		"	1.00	6.78	184	75-125	High Bias			
Thallium	2.16		"	2.00	-0.040	108	75-125				
Vanadium	0.766		"	0.500	0.228	108	75-125				
Zinc	2.80		"	0.500	2.27	106	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF10030 - EPA 3050B											
Reference (BF10030-SRM1)											
Prepared: 06/01/2021 Analyzed: 06/03/2021											
Aluminum	8460	5.00	mg/kg wet	8190		103	0-200				
Antimony	57.2	2.50	"	110		52.0	0-200				
Arsenic	177	1.50	"	162		109	0-200				
Barium	143	2.50	"	138		103	0-200				
Beryllium	160	0.050	"	157		102	0-200				
Cadmium	141	0.300	"	135		105	0-200				
Calcium	4780	5.00	"	4790		99.8	0-200				
Chromium	114	0.500	"	117		97.8	0-200				
Cobalt	96.8	0.400	"	92.6		105	0-200				
Copper	147	2.00	"	143		103	0-200				
Iron	15800	25.0	"	15100		105	0-200				
Lead	73.8	0.500	"	77.6		95.1	0-200				
Magnesium	2700	5.00	"	2320		117	0-200				
Manganese	328	0.500	"	319		103	0-200				
Nickel	70.7	1.00	"	79.9		88.4	0-200				
Potassium	2170	5.00	"	2050		106	0-200				
Selenium	125	2.50	"	172		72.8	0-200				
Silver	26.4	0.500	"	24.7		107	0-200				
Sodium	119	50.0	"	137		86.5	0-200				
Thallium	91.0	2.50	"	88.0		103	0-200				
Vanadium	94.9	1.00	"	99.9		95.0	0-200				
Zinc	327	2.50	"	312		105	0-200				
Batch BF10048 - EPA 3050B											
Blank (BF10048-BLK1)											
Prepared: 06/01/2021 Analyzed: 06/03/2021											
Aluminum	ND	5.00	mg/kg wet								
Antimony	ND	2.50	"								
Arsenic	ND	1.50	"								
Barium	ND	2.50	"								
Beryllium	ND	0.050	"								
Cadmium	ND	0.300	"								
Calcium	ND	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.400	"								
Copper	ND	2.00	"								
Iron	ND	25.0	"								
Lead	ND	0.500	"								
Magnesium	ND	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	1.00	"								
Potassium	12.9	5.00	"								
Selenium	ND	2.50	"								
Silver	ND	0.500	"								
Sodium	ND	50.0	"								
Thallium	ND	2.50	"								
Vanadium	ND	1.00	"								
Zinc	ND	2.50	"								

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 BF10048 - EPA 3050B											
Duplicate (BF10048-DUP1)	*Source sample: 21F0045-04 (Duplicate)								Prepared: 06/01/2021 Analyzed: 06/03/2021		
Aluminum	4700	6.21	mg/kg dry		7610				47.2	35	Non-dir.
Antimony	ND	3.11	"		ND					35	
Arsenic	ND	1.86	"		2.16					35	
Barium	20.2	3.11	"		25.9				24.8	35	
Beryllium	ND	0.062	"		ND					35	
Cadmium	ND	0.373	"		ND					35	
Calcium	61600	6.21	"		30300				68.1	35	Non-dir.
Chromium	8.02	0.621	"		13.6				51.3	35	Non-dir.
Cobalt	2.91	0.497	"		8.16				94.9	35	Non-dir.
Copper	7.51	2.49	"		34.2				128	35	Non-dir.
Iron	8750	31.1	"		18000				69.1	35	Non-dir.
Lead	5.27	0.621	"		13.3				86.2	35	Non-dir.
Magnesium	38100	6.21	"		20800				58.8	35	Non-dir.
Manganese	130	0.621	"		209				46.7	35	Non-dir.
Nickel	ND	1.24	"		ND					35	
Potassium	657	6.21	"		1190				57.4	35	Non-dir.
Selenium	ND	3.11	"		ND					35	
Silver	ND	0.621	"		ND					35	
Sodium	514	62.1	"		427				18.4	35	
Thallium	ND	3.11	"		ND					35	
Vanadium	16.3	1.24	"		12.9				23.3	35	
Zinc	17.3	3.11	"		49.1				96.0	35	Non-dir.
Matrix Spike (BF10048-MS1)	*Source sample: 21F0045-04 (Matrix Spike)								Prepared: 06/01/2021 Analyzed: 06/03/2021		
Aluminum	4730	6.21	mg/kg dry	249	7610	NR	75-125	Low Bias			
Antimony	8.50	3.11	"	31.1	ND	27.4	75-125	Low Bias			
Arsenic	292	1.86	"	249	2.16	117	75-125				
Barium	282	3.11	"	249	25.9	103	75-125				
Beryllium	5.82	0.062	"	6.21	ND	93.7	75-125				
Cadmium	6.89	0.373	"	6.21	ND	111	75-125				
Calcium	98900	6.21	"	124	30300	NR	75-125	High Bias			
Chromium	38.8	0.621	"	24.9	13.6	102	75-125				
Cobalt	71.7	0.497	"	62.1	8.16	102	75-125				
Copper	51.8	2.49	"	31.1	34.2	56.7	75-125	Low Bias			
Iron	16400	31.1	"	124	18000	NR	75-125	Low Bias			
Lead	89.5	0.621	"	62.1	13.3	123	75-125				
Magnesium	60600	6.21	"	124	20800	NR	75-125	High Bias			
Manganese	229	0.621	"	62.1	209	31.3	75-125	Low Bias			
Nickel	66.2	1.24	"	62.1	ND	106	75-125				
Potassium	1390	6.21	"	124	1190	160	75-125	High Bias			
Selenium	233	3.11	"	249	ND	93.9	75-125				
Silver	3.15	0.621	"	6.21	ND	50.6	75-125	Low Bias			
Sodium	614	62.1	"	124	427	151	75-125	High Bias			
Thallium	256	3.11	"	249	ND	103	75-125				
Vanadium	77.9	1.24	"	62.1	12.9	105	75-125				
Zinc	103	3.11	"	62.1	49.1	86.4	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF10048 - EPA 3050B											
Post Spike (BF10048-PS1)	*Source sample: 21F0045-04 (Post Spike)							Prepared: 06/01/2021 Analyzed: 06/03/2021			
Aluminum	63.2		ug/mL	2.00	61.2	99.8	75-125				
Antimony	0.281		"	0.250	-0.010	112	75-125				
Arsenic	2.38		"	2.00	0.017	118	75-125				
Barium	2.41		"	2.00	0.208	110	75-125				
Beryllium	0.053		"	0.0500	-0.004	107	75-125				
Cadmium	0.058		"	0.0500	0.001	113	75-125				
Calcium	244		"	1.00	244	2.05	75-125	Low Bias			
Chromium	0.322		"	0.200	0.109	107	75-125				
Cobalt	0.631		"	0.500	0.066	113	75-125				
Copper	0.567		"	0.250	0.275	117	75-125				
Iron	145		"	1.00	145	14.3	75-125	Low Bias			
Lead	0.676		"	0.500	0.107	114	75-125				
Magnesium	167		"	1.00	167	2.48	75-125	Low Bias			
Manganese	2.24		"	0.500	1.68	112	75-125				
Nickel	0.597		"	0.500	-0.002	119	75-125				
Potassium	10.4		"	1.00	9.55	83.5	75-125				
Selenium	1.89		"	2.00	-0.330	94.7	75-125				
Silver	0.066		"	0.0500	0.004	124	75-125				
Sodium	4.42		"	1.00	3.44	98.8	75-125				
Thallium	2.21		"	2.00	0.010	110	75-125				
Vanadium	0.643		"	0.500	0.104	108	75-125				
Zinc	0.948		"	0.500	0.395	111	75-125				
Reference (BF10048-SRM1)								Prepared: 06/01/2021 Analyzed: 06/04/2021			
Aluminum	7310	5.00	mg/kg wet	8190		89.2	50.5-150.1				
Antimony	48.2	2.50	"	110		43.9	19-251.7				
Arsenic	131	1.50	"	162		81.1	70.1-129.8				
Barium	119	2.50	"	138		86.5	75-125				
Beryllium	134	0.050	"	157		85.4	75-125.2				
Cadmium	115	0.300	"	135		85.0	74.8-125.2				
Calcium	4030	5.00	"	4790		84.1	72.7-127.5				
Chromium	95.5	0.500	"	117		81.6	70.1-129.9				
Cobalt	81.3	0.400	"	92.6		87.9	75-125				
Copper	118	2.00	"	143		82.2	75.3-125.3				
Iron	11400	25.0	"	15100		75.8	35.8-164.6				
Lead	59.4	0.500	"	77.6		76.5	70-130				
Magnesium	1990	5.00	"	2320		85.7	61.7-137.8				
Manganese	265	0.500	"	319		83.0	78.1-122				
Nickel	74.0	1.00	"	79.9		92.6	70.1-130.1				
Potassium	1800	5.00	"	2050		88.0	59.1-140.9				
Selenium	123	2.50	"	172		71.6	55.7-144.5				
Silver	19.7	0.500	"	24.7		79.6	69.2-130.8				
Sodium	107	50.0	"	137		77.8	36.1-163.3				
Thallium	70.7	2.50	"	88.0		80.4	65.3-146.8				
Vanadium	80.0	1.00	"	99.9		80.1	67-133.1				
Zinc	254	2.50	"	312		81.3	69.9-130.1				

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 BF10082 - EPA 7473 soil											
Blank (BF10082-BLK1)								Prepared & Analyzed: 06/02/2021			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BF10082-DUP1)	*Source sample: 21E1290-09 (Duplicate)							Prepared & Analyzed: 06/02/2021			
Mercury	ND	0.0309	mg/kg dry		ND					35	
Matrix Spike (BF10082-MS1)	*Source sample: 21E1290-09 (Matrix Spike)							Prepared & Analyzed: 06/02/2021			
Mercury	0.468		mg/kg	0.500	0.00270	93.1	75-125				
Reference (BF10082-SRM1)								Prepared & Analyzed: 06/02/2021			
Mercury	24.814		mg/kg	27.2		91.2	59.9-140.1				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF10024 - % Solids Prep											
Duplicate (BF10024-DUP1)	*Source sample: 21E1256-01 (Duplicate)							Prepared & Analyzed: 06/01/2021			
% Solids	87.8	0.100	%		88.1				0.413	20	
Batch BF10202 - % Solids Prep											
Duplicate (BF10202-DUP1)	*Source sample: 21E1255-07 (WC-CS-Q2 12-14')							Prepared & Analyzed: 06/03/2021			
% Solids	94.5	0.100	%		94.2				0.231	20	
Batch BF10267 - % Solids Prep											
Duplicate (BF10267-DUP1)	*Source sample: 21E1196-01 (Duplicate)							Prepared & Analyzed: 06/04/2021			
% Solids	95.4	0.100	%		95.5				0.0985	20	

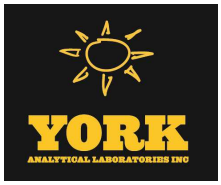
Leachate Preparations - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF10044 - EPA SW 846-1311 TCLP extr. for SVOA/PEST/HERBS											
Blank (BF10044-BLK1)									Prepared: 06/01/2021 Analyzed: 06/02/2021		
TCLP Extraction	Completed	1.00	N/A								
Batch BF10046 - EPA SW 846-1311 TCLP ZHE for VOA											
Blank (BF10046-BLK1)									Prepared: 06/01/2021 Analyzed: 06/02/2021		
TCLP Extraction	Completed	1.00	N/A								

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
21E1255-01	WC-HF-Q2-1 1'	40mL Vial with Stir Bar-Cool 4° C
21E1255-02	WC-HF-Q2-2 4'	40mL Vial with Stir Bar-Cool 4° C
21E1255-03	WC-HF-Q2-3 4'	40mL Vial with Stir Bar-Cool 4° C
21E1255-04	WC-HF-Q2-4 2'	40mL Vial with Stir Bar-Cool 4° C
21E1255-05	WC-HF-Q2-5 2'	40mL Vial with Stir Bar-Cool 4° C
21E1255-06	WC-CS-Q2 7-9'	40mL Vial with Stir Bar-Cool 4° C
21E1255-07	WC-CS-Q2 12-14'	40mL Clear Vial, Sodium Thiosulfate; Cool 4°C
21E1255-08	WC-CS-Q2 19'	40mL Clear Vial, Sodium Thiosulfate; Cool 4°C
21E1255-09	WC-CS-Q2 23'	40mL Clear Vial, Sodium Thiosulfate; Cool 4°C
21E1255-10	WC-PCE-Q2 2'	40mL Clear Vial, Sodium Thiosulfate; Cool 4°C
21E1255-11	WC-PCE-Q2 6'	40mL Clear Vial, Sodium Thiosulfate; Cool 4°C
21E1255-12	WC-PCE-Q2 14'	40mL Clear Vial, Sodium Thiosulfate; Cool 4°C
21E1255-13	WC-PCE-Q2 0-5'	40mL 01_Clear Vial Cool to 4° C
21E1255-14	WC-PCE-Q2&4 5-10'	40mL 01_Clear Vial Cool to 4° C
21E1255-15	WC-PCE-Q2&4 10-15'	40mL 01_Clear Vial Cool to 4° C
21E1255-16	WC-HF-Q5-1 3'	40mL Vial with Stir Bar-Cool 4° C
21E1255-17	WC-HF-Q5-2 2'	40mL Vial with Stir Bar-Cool 4° C
21E1255-18	WC-HF-Q5-3 4'	40mL Vial with Stir Bar-Cool 4° C
21E1255-19	WC-HF-Q5-4 2'	40mL Vial with Stir Bar-Cool 4° C
21E1255-20	WC-HF-Q5-5 3'	40mL Vial with Stir Bar-Cool 4° C
21E1255-21	WC-CS-Q5 9'	40mL Vial with Stir Bar-Cool 4° C
21E1255-22	WC-CS-Q5 12'	40mL Vial with Stir Bar-Cool 4° C
21E1255-23	WC-CS-Q5 17'	40mL Vial with Stir Bar-Cool 4° C
21E1255-24	WC-CS-Q5 23'	40mL Vial with Stir Bar-Cool 4° C
21E1255-25	WC-HF-Q6-1 4'	40mL Vial with Stir Bar-Cool 4° C
21E1255-26	WC-HF-Q6-2 2'	40mL Vial with Stir Bar-Cool 4° C
21E1255-27	WC-HF-Q6-3 2'	40mL Vial with Stir Bar-Cool 4° C
21E1255-28	WC-HF-Q6-4 2'	40mL Vial with Stir Bar-Cool 4° C
21E1255-29	WC-HF-Q6-5 2'	40mL Vial with Stir Bar-Cool 4° C
21E1255-30	WC-CS-Q6 9'	40mL Vial with Stir Bar-Cool 4° C
21E1255-30	WC-CS-Q6 9'	40mL 01_Clear Vial Cool to 4° C
21E1255-31	WC-CS-Q6 13'	40mL Vial with Stir Bar-Cool 4° C
21E1255-31	WC-CS-Q6 13'	40mL 01_Clear Vial Cool to 4° C
21E1255-32	WC-CS-Q6 19'	40mL Vial with Stir Bar-Cool 4° C
21E1255-33	WC-CS-Q6 21'	40mL Vial with Stir Bar-Cool 4° C
21E1255-33	WC-CS-Q6 21'	40mL 01_Clear Vial Cool to 4° C
21E1255-34	WC-HF-Q6	40mL 01_Clear Vial Cool to 4° C
21E1255-35	WC-HF-Q5	40mL 01_Clear Vial Cool to 4° C
21E1255-36	WC-HF-Q4	40mL 01_Clear Vial Cool to 4° C
21E1255-37	WC-HF-Q3	40mL 01_Clear Vial Cool to 4° C
21E1255-38	WC-HF-Q2	1000mL WM Clear Glass Cool to 4° C
21E1255-39	WC-PCE-Q5 1'	40mL Vial with Stir Bar-Cool 4° C
21E1255-40	WC-PCE-Q6 2'	40mL Vial with Stir Bar-Cool 4° C
21E1255-41	WC-PCE-Q2-6 0-5'	1000mL WM Clear Glass Cool to 4° C
21E1255-42	WC-CS-Q5 20'	40mL Vial with Stir Bar-Cool 4° C
21E1255-43	SB 301 14'	40mL Vial with Stir Bar-Cool 4° C


YORK
ANALYTICAL LABORATORIES INC

Sample and Data Qualifiers Relating to This Work Order

M-BLK	The target analyte was detected above the RL in the batch method blank. All samples showed >10x the concentration in the blank for this analyte. Data are reported.
Cal-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
CCV-E	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).
CCV-H	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.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.
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.
S-08	The recovery of this surrogate was outside of QC limits.
M-CCV1	The recovery for this element in the Continuing Calibration Verification (CCV) exceeded 110% of the expected value. Positive detections may be biased high.
M-CRL	The RL check for this element recovered outside of control limits.
M-DUPS	The RPD between the native sample and the duplicate is outside of limits due to sample non-homogeneity
M-SPKM	The spike recovery is not within acceptance windows due to sample non-homogeneity, or matrix interference.
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.
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.
ICV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).

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.

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615
132-02 89th Ave, Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record

NOTE: 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. 21E1255

Page 1 of 6

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Laurel Environmental	Company: Scott	Company: Kathy		RUSH - Next Day
Address: 53 W. Hills Rd, Huntington Sta., NY	Address:	Address:		RUSH - Two Day
Phone.: (631) 673-0612	Phone.:	Phone.:	YOUR Project Name: 27-09 40th Ave, LIC, Queens, NY	RUSH - Three Day
Contact: Scott Yunuck	Contact:	Contact:		RUSH - Four Day
E-mail: Tubresults@laurelenv.com	E-mail:	E-mail:	YOUR PO#: 19-401.4	Standard (5-7 Day) X

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

Samples Collected by: (print your name above and sign below) Jamie Burgher

Matrix Codes	Samples From	Report / EDD Type (circle selections)			YORK Reg. Comp.
S - soil / solid	New York X	Summary Report	CT RCP	Standard Excel EDD	Compared to the following Regulation(s): (please fill in)
GW - groundwater	New Jersey	QA Report	CT RCP DQA/DUE	EQuIS (Standard)	
DW - drinking water	Connecticut	NY ASP A Package	NJDEP Reduced Deliverables	NYSDEC EQuIS	
WW - wastewater	Pennsylvania	NY ASP B Package		NJDEP SRP HazSite	
O - Oil ⋮ Other	Other		NJDKQP	Other:	

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
WC-HF-Q2-1 1'	S	5/27/21 09:40	8260 VOCs	(4) 40mL
WC-HF-Q2-2 4'		09:35		
WC-HF-Q2-3 4'		09:15		
WC-HF-Q2-4 2'		09:30		
WC-HF-Q2-5 2'		09:20		
WC-CS-Q2 7-9'		09:45		
WC-CS-Q2 12-14'		09:50		(3) 40mL, (1) 2oz
WC-CS-Q2 19'		09:52		

Comments:

Preservation: (check all that apply)
HCl ___ MeOH X HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___
Ascorbic Acid ___ Other: DI Water, NaHSO4

Special Instruction
Field Filtered ____
Lab to Filter ____

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
	5/28/21 0930	KBachyork	5/28/21 11AM	KBachyork	5/28/21 16:33
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 / Temp. Received at Lab
				Mind Lanto	5/28/21 16:33 / 4.9 Degrees C

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615 | 132-02 89th Ave, Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record

NOTE: 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. 21E1255

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Laurel Environmental	Company: Scott	Company: Kathy		RUSH - Next Day
Address: 53 W. Hills Rd, Huntington Sta., NY 11746	Address:	Address:	YOUR Project Name: 27-09 40th Ave, LIC, Queens, NY	RUSH - Two Day
Phone.: (631) 673-0612	Phone.:	Phone.:		RUSH - Three Day
Contact: Scott Yannuck	Contact:	Contact:		RUSH - Four Day
E-mail: Labresults@laurelenv.com	E-mail:	E-mail:	YOUR PO#: 19-401.04	Standard (5-7 Day) X

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

Samples Collected by: (print your name above and sign below) Jamie Burgher

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

Samples From: New York X; New Jersey; Connecticut; Pennsylvania; Other

Report / EDD Type (circle selections): Summary Report; QA Report; NY ASP A Package; NY ASP B Package; CT RCP; CT RCP DQA/DUE; NJDEP Reduced Deliverables; NJDKQP; Standard Excel EDD; EQuIS (Standard); NYSDEC EQuIS; NJDEP SRP HazSite; Other:

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
WC-CS-Q2 23'	S	5/27/21 0955	8260 VOCs	(3) 40mL, (1) 2oz
~~WC-CS-Q2 19' TCLP~~		~~0959~~	~~8260 TCLP~~	
WC-PCE-Q2 2'		1010	8260 VOCs	(3) 40mL, (1) 2oz
WC-PCE-Q2 6'		1015		
~~WC-PCE-Q2 6'~~		~~1015~~	~~8260 TCLP~~	
WC-PCE-Q2 14'		1020	8260 VOCs	(3) 40mL, (1) 2oz
~~WC-PCE-Q2 14'~~		~~1020~~	~~8260 TCLP~~	
WC-PCE-Q2 0-5'		1025	8270 TCLP, 6010/6020, 8082, 8151, 8081	(2) 8oz, (2) 4oz, (2) 2oz
WC-PCE-Q284 5-10'		1027	and 8015	
WC-PCE-Q284, 10-15'		1030		

Comments: Note: Encores Not provided by York

Preservation: (check all that apply)
HCl ___ MeOH X HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___
Ascorbic Acid ___ Other: ~~DI Water~~, NaHSO4

Special Instruction: Field Filtered ___ Lab to Filter ___

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
	5/28/21 0930	KBathyork	5/28/21 11AM	KBathyork	5/28/21 16:33
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 / Temp. Received at Lab
				[illegible] Kaminski	5/28/21 16:33 / 4.9 Degrees C

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615
132-02 89th Ave, Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record

NOTE: 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. 21E1255

YOUR Information	Report To:	Invoice To:
Company: Laurel Environmental	Company:	Company:
Address: 53 West Hills Road Huntington Station, NY	Address: Scott	Address: Kathy
Phone: 631-673-0012	Phone:	Phone:
Contact: Scott Yanuck	Contact:	Contact:
E-mail: labresults@laurelenv.com	E-mail:	E-mail:

YOUR Project Number: 1

YOUR Project Name: ~~27-09~~ 27-09 40th Ave, LIC, Queens, NY

YOUR PO#: 19-401.4

Turn-Around Time

RUSH - Next Day	
RUSH - Two Day	
RUSH - Three Day	
RUSH - Four Day	
Standard (5-7 Day)	X

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

Samples Collected by: (print your name above and sign below) Jamie Burgher

Matrix Codes

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

Samples From

New York	X
New Jersey	
Connecticut	
Pennsylvania	
Other	

Report / EDD Type (circle selections)

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

YORK Reg. Comp.

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

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
~~SB-301 14'~~	~~S~~	~~5/27/21 1105~~	8260 VOCs	~~(4) 40mL~~
WC-HF-Q5-1 3'	S	1145	8260 VOCs	(4) 40 mL
WC-HF-Q5-2 2'		1140		(3) 40mL, (1) 2oz
WC-HF-Q5-3 4'		1135		(4) 40mL
WC-HF-Q5-4 2'		1133		
WC-HF-Q5-5 3'		1130		
WC-CS-Q5 9'		1155		
~~WC-CS-Q5 9' TCLP~~		~~1155~~	~~8260 TCLP~~	
WC-CS-Q5 12'		1200	8260 VOCs	
~~WC-CS-Q5 12' TCLP~~		~~1200~~	~~8260 TCLP~~	

Comments: Don't analyze samples SB-301 14', WC CS Q5 9' TCLP or WC-CS-Q5-12' TCLP

Preservation: (check all that apply)
HCl ___ MeOH X HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___
Ascorbic Acid ___ Other: DI water

Special Instruction
Field Filtered ___
Lab to Filter ___

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
	5/28/21 0930	York	5/28/21 11AM	York	5/28/21 16:33
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
					5/28/21 16:33

Temp. Received at Lab: 4.9 Degrees C

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615
132-02 89th Ave, Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record

NOTE: 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. 21E1255

YOUR Information	Report To:	Invoice To:
Company: Laurel Environmental	Company:	Company:
Address: 53 West Hills Road, Huntington Station, NY 11746	Address: Scott	Address: Kathy
Phone: 631-673-0612	Phone:	Phone:
Contact: Scott Yurcek	Contact:	Contact:
E-mail: labresults@laurelenv.com	E-mail:	E-mail:

YOUR Project Number:

YOUR Project Name: 27-09 40th Ave, LIC, Queens, NY

YOUR PO#: 19-401-2

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- Standard (5-7 Day) X

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

Samples Collected by: (print your name above and sign below) Jamie Burgher

Matrix Codes

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

Samples From

New York V; New Jersey; Connecticut; Pennsylvania; Other

Report / EDD Type (circle selections)

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

YORK Reg. Comp.

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

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
WC-CS-Q5 17'	S	5/27/21 1205	8260 VOCs	(4) 40mL
~~WC-CS-Q5 20' TCLP~~		1210	~~8260 TCLP~~	
WC-CS-Q5 23'		1210	8260 VOCs	
WC-HF-Q6-1 4'		1300		
WC-HF-Q6-2 2'		1255		
WC-HF-Q6-3 2'		1243		
WC-HF-Q6-4 2'		1245		
WC-HF-Q6-5 2'		1240		
WC-CS-Q6 9'		1305	8260 VOCs, 8260 TCLP	(4) 40mL, (1) 4oz
WC-CS-Q6 13'		13:10		

Comments:

Preservation: (check all that apply)

HCl ___ MeOH X HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___
Ascorbic Acid ___ Other: DI Water

Special Instruction

Field Filtered ___
Lab to Filter ___

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
[signature]	5/28/21 04:30	K Barkyork	5/28/21 11AM	K Barkyork	5/28/21 16:33
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 / Temp. Received at Lab
				[signature]	5/28/21 16:33 / 4.9 Degrees C

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615 | 132-02 89th Ave, Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record

NOTE: 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. 21E1255

Page 5 of 7

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Laurel Environmental	Company:	Company:		RUSH - Next Day
Address: 53 W. Hills Rd, Huntington Sta., NY 11746	Address: Scott	Address: Kathy		RUSH - Two Day
Phone.: (631) 673-0612	Phone.:	Phone.:	YOUR Project Name: 27-09 40th Ave, LIC, Queens, NY	RUSH - Three Day
Contact: Scott Yanuck	Contact:	Contact:		RUSH - Four Day
E-mail: Labresults@laurelenv.com	E-mail:	E-mail:	YOUR PO#: 19-401.4	Standard (5-7 Day) X

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

Samples Collected by: (print your name above and sign below) Jamie Burgher

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

Samples From: New York X; New Jersey; Connecticut; Pennsylvania; Other

Report / EDD Type (circle selections): Summary Report; QA Report; NY ASP A Package; NY ASP B Package; CT RCP; CT RCP DQA/DUE; NJDEP Reduced Deliverables; NJDKQP; Standard Excel EDD; EQuIS (Standard); NYSDEC EQuIS; NJDEP SRP HazSite; Other:

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
WC-CS-Q6 19'	S	5/27/21 1320	8260 VOCs	(4) 40mL → 4oz
WC-CS-Q6 21'		1330	8260 VOCs, 8260 TCLP and 8015	
WC-HF-Q6		1350	8260 TCLP, 8270 TCLP, 6010/6020, 8081, 8082, 8151	(2) 8oz, (2) 4oz (2) 2oz
WC-HF-Q5		1400		
WC-HF-Q4		1415		
WC-HF-Q3		1430		
WC-HF-Q2		1440	Same	(2) 8oz, (3) 4oz
~~WC-HF~~				

Comments:

Preservation: (check all that apply) HCl ___ MeOH X HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other: DI Water

Special Instruction: Field Filtered ___ Lab to Filter ___

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
	5/28/21 0930	KBarkwork	5/28/21 11AM	KBarkwork	5/28/21 16:33
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 / Temp. Received at Lab
					5/28/21 16:33 — 4.9 Degrees C

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615
132-02 89th Ave, Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record

NOTE: 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. 21E1255

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Laurel Environmental	Company: Scott	Company: Kathy		RUSH - Next Day
Address: 57 W. Hills Rd, Huntington Sta., NY 11746	Address:	Address:	YOUR Project Name: 27-09 40th Ave, LIC, Queens, NY	RUSH - Two Day
Phone: (631) 673-0612	Phone:	Phone:		RUSH - Three Day
Contact: Scott Yanuck	Contact:	Contact:		RUSH - Four Day
E-mail: Labresults@laurelenv.com	E-mail:	E-mail:	YOUR PO#: 19-401.4	Standard (5-7 Day) X

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

Samples Collected by: (print your name above and sign below) Jamie Burgher

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

Samples From: New York X; New Jersey; Connecticut; Pennsylvania; Other

Report / EDD Type (circle selections): Summary Report; QA Report; NY ASP A Package; NY ASP B Package; CT RCP; CT RCP DQA/DUE; NJDEP Reduced Deliverables; NJDKQP; Standard Excel EDD; EQuIS (Standard); NYSDEC EQuIS; NJDEP SRP HazSite; Other:

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
WC-PCE-Q5 1'	S	5/27/21 1450	8260 VOCs	(4) 40mL
WC-PCE-Q6 2'		1500	8260 VOCs	
WC-PCE-Q2&6 0-5'		1510	8260 TCLP, 8270 TCLP, 6010/20, 8081, 8082, 8015, 8151	(2) 8oz, (3) 4oz
WC-CS-Q5 20'		12:10	8260 VOCs	(4) 40mL

Comments:

Preservation: (check all that apply) HCl ___ MeOH X HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other: DI Water

Special Instruction: Field Filtered ___ Lab to Filter ___

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
	5/28/21 0930	KBatyork	5/28/21 11AM	KBatyork	5/28/21 16:33
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 / Temp. Received at Lab
					5/28/21 16:33 / 4.9 Degrees C

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615
132-02 89th Ave, Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record

NOTE: 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. 21C1255

YOUR Information	Report To:	Invoice To:
Company: Laurel Environmental Geosciences	Company:	Company:
Address: 53 West Hills Rd., Suite #1 Huntington Station, NY	Address: Scott	Address: Kathy
Phone.: (631) 673-6612	Phone.:	Phone.:
Contact: Scott Yanuck	Contact:	Contact:
E-mail: labresults@laurelenv.com	E-mail:	E-mail:

YOUR Project Number

YOUR Project Name: 27-09 40th Avenue LIC, Queens, NY

YOUR PO#: 19-401.4

Turn-Around Time

RUSH - Next Day	
RUSH - Two Day	
RUSH - Three Day	
RUSH - Four Day	
Standard (5-7 Day)	X

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

Samples Collected by: (print your name above and sign below)

Michael Oliver

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

Samples From: New York X; New Jersey; Connecticut; Pennsylvania; Other

Report / EDD Type (circle selections)

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

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
SB 301 14'	S	5/27/21 11:05	USEPA Method 8260 for VOCs	(4) 40 mL

Comments:

Preservation: (check all that apply)
HCl ___ MeOH X HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___
Ascorbic Acid ___ Other: DI water

Special Instruction
Field Filtered ___
Lab to Filter ___

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
	5/28/21 09:30	K Barkwork	5/28/21 11AM	K Barkwork	5/28/21 16:33
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
					5/28/21 16:33

Temp. Received at Lab: 4.9 Degrees C

APPENDIX B

PCE Delineation 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: 11/03/2022
Client Project ID: 27-09 40th Avenue, LIC, NY 19-401.9
York Project (SDG) No.: 22J1305

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

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: 11/03/2022
Client Project ID: 27-09 40th Avenue, LIC, NY 19-401.9
York Project (SDG) No.: 22J1305

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 26, 2022 and listed below. The project was identified as your project: **27-09 40th Avenue, LIC, NY 19-401.9**.

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
22J1305-01	HF-Q2 (4) E @ 3'	Soil	10/25/2022	10/26/2022
22J1305-02	HF-Q2 (4) E @ 7'	Soil	10/25/2022	10/26/2022
22J1305-03	HF-Q2 (4) N @ 6'	Soil	10/25/2022	10/26/2022
22J1305-04	HF-Q2 (4) N @ 10'	Soil	10/25/2022	10/26/2022
22J1305-05	HF-Q2 (4) S @ 6'	Soil	10/25/2022	10/26/2022
22J1305-06	HF-Q2 (4) W @ 3'	Soil	10/25/2022	10/26/2022
22J1305-07	HF-Q2 (4) W @ 6'	Soil	10/25/2022	10/26/2022
22J1305-08	PCE-Q2 W @ 3'	Soil	10/25/2022	10/26/2022
22J1305-09	PCE-Q2 W @ 5'	Soil	10/25/2022	10/26/2022
22J1305-10	PCE-Q2 S @ 3'	Soil	10/25/2022	10/26/2022
22J1305-11	PCE-Q2 N @ 3'	Soil	10/25/2022	10/26/2022
22J1305-12	PCE-Q2 E @ 5'	Soil	10/25/2022	10/26/2022
22J1305-13	PCE-Q2 WN @ 4'	Soil	10/25/2022	10/26/2022
22J1305-14	PCE-Q2 WS @ 2'	Soil	10/25/2022	10/26/2022
22J1305-15	PCE-Q2 WS @ 5'	Soil	10/25/2022	10/26/2022
22J1305-16	PCE-Q2 WW @ 3'	Soil	10/25/2022	10/26/2022
22J1305-17	HF-Q2 (4) S @ 4'	Soil	10/25/2022	10/26/2022
22J1305-18	HF-Q2 (4) W @ 10'	Soil	10/25/2022	10/26/2022
22J1305-19	HF-Q2 (4) N @ 5'	Soil	10/25/2022	10/26/2022

General Notes for York Project (SDG) No.: 22J1305

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

Approved By:  **Date:** 11/03/2022

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: HF-Q2 (4) E @ 3'

York Sample ID: 22J1305-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1305	27-09 40th Avenue, LIC, NY 19-401.9	Soil	October 25, 2022 8:45 am	10/26/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:28 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:28 NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:28 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
123-91-1	1,4-Dioxane	ND		ug/kg dry	52	100	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:28 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
78-93-3	2-Butanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
591-78-6	2-Hexanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC

Sample Information

Client Sample ID: HF-Q2 (4) E @ 3'

York Sample ID: 22J1305-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1305	27-09 40th Avenue, LIC, NY 19-401.9	Soil	October 25, 2022 8:45 am	10/26/2022

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		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:28	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	Acetone	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:28	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-02-8	Acrolein	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:28	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:28	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:28	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-97-5	Bromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:28	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:28	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:28	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:28	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:28	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:28	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:28	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:28	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:28	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:28	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:28	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:28	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-82-7	Cyclohexane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:28	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:28	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:28	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:28	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:28	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:28	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: HF-Q2 (4) E @ 3'

York Sample ID: 22J1305-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1305	27-09 40th Avenue, LIC, NY 19-401.9	Soil	October 25, 2022 8:45 am	10/26/2022

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		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:28	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-20-9	Methyl acetate	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:28	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:28	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:28	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	Methylene chloride	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:28	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:28	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:28	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:28	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:28	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:28	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:28	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-42-5	Styrene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:28	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:28	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:28	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
127-18-4	**Tetrachloroethylene**	**4200**	CCVE	ug/kg dry	250	490	100	EPA 8260C Certifications:	11/02/2022 06:51	11/03/2022 09:26	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
108-88-3	Toluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:28	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:28	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:28	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:28	BMC CTDOH-PH-0723
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:28	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:28	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:28	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.8	16	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:28	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: HF-Q2 (4) E @ 3' **York Sample ID:** 22J1305-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1305	27-09 40th Avenue, LIC, NY 19-401.9	Soil	October 25, 2022 8:45 am	10/26/2022

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*	*101 %*			*77-125*						
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*109 %*			*76-130*						

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**82.5**		%	0.100	1	SM 2540G	11/03/2022 10:41	11/03/2022 14:18	YR
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: HF-Q2 (4) E @ 7' **York Sample ID:** 22J1305-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1305	27-09 40th Avenue, LIC, NY 19-401.9	Soil	October 25, 2022 8:45 am	10/26/2022

Volatile Organics, 8260 - Comprehensive

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	11/02/2022 06:41	11/03/2022 02:56	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	11/02/2022 06:41	11/03/2022 02:56	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	11/02/2022 06:41	11/03/2022 02:56	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	11/02/2022 06:41	11/03/2022 02:56	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	11/02/2022 06:41	11/03/2022 02:56	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	11/02/2022 06:41	11/03/2022 02:56	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	11/02/2022 06:41	11/03/2022 02:56	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	11/02/2022 06:41	11/03/2022 02:56	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	11/02/2022 06:41	11/03/2022 02:56	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP			

Sample Information

Client Sample ID: HF-Q2 (4) E @ 7'

York Sample ID: 22J1305-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1305	27-09 40th Avenue, LIC, NY 19-401.9	Soil	October 25, 2022 8:45 am	10/26/2022

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
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	11/02/2022 06:41 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2022 02:56	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 02:56	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 02:56	BMC
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 02:56	BMC
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 02:56	BMC
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 02:56	BMC
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 02:56	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 02:56	BMC
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 02:56	BMC
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 02:56	BMC
123-91-1	1,4-Dioxane	ND		ug/kg dry	55	110	1	EPA 8260C Certifications:	11/02/2022 06:41 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2022 02:56	BMC
78-93-3	2-Butanone	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 02:56	BMC
591-78-6	2-Hexanone	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 02:56	BMC
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 02:56	BMC
67-64-1	**Acetone**	**7.7**	J	ug/kg dry	5.5	11	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	11/03/2022 02:56	BMC
107-02-8	Acrolein	ND		ug/kg dry	5.5	11	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 02:56	BMC
107-13-1	Acrylonitrile	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 02:56	BMC
71-43-2	Benzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 02:56	BMC
74-97-5	Bromochloromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	11/02/2022 06:41 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2022 02:56	BMC
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 02:56	BMC
75-25-2	Bromoform	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 02:56	BMC
74-83-9	Bromomethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 02:56	BMC
75-15-0	Carbon disulfide	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 02:56	BMC

Sample Information

Client Sample ID: HF-Q2 (4) E @ 7'

York Sample ID: 22J1305-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1305	27-09 40th Avenue, LIC, NY 19-401.9	Soil	October 25, 2022 8:45 am	10/26/2022

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
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:56	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:56	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:56	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:56	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:56	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:56	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:56	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-82-7	Cyclohexane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:56	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:56	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:56	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:56	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:56	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:56	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:56	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-20-9	Methyl acetate	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:56	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:56	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:56	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	Methylene chloride	ND		ug/kg dry	5.5	11	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:56	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:56	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:56	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-47-6	o-Xylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:56	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.5	11	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:56	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 02:56	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: HF-Q2 (4) E @ 7'

York Sample ID: 22J1305-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1305	27-09 40th Avenue, LIC, NY 19-401.9	Soil	October 25, 2022 8:45 am	10/26/2022

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
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	11/02/2022 06:41	11/03/2022 02:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
100-42-5	Styrene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	11/02/2022 06:41	11/03/2022 02:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	11/02/2022 06:41	11/03/2022 02:56	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	11/02/2022 06:41	11/03/2022 02:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
127-18-4	**Tetrachloroethylene**	**12**		ug/kg dry	2.7	5.5	1	EPA 8260C	11/02/2022 06:41	11/03/2022 02:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
108-88-3	Toluene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	11/02/2022 06:41	11/03/2022 02:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	11/02/2022 06:41	11/03/2022 02:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	11/02/2022 06:41	11/03/2022 02:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	11/02/2022 06:41	11/03/2022 02:56	BMC
								Certifications:	CTDOH-PH-0723		
79-01-6	Trichloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	11/02/2022 06:41	11/03/2022 02:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	11/02/2022 06:41	11/03/2022 02:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	11/02/2022 06:41	11/03/2022 02:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.2	16	1	EPA 8260C	11/02/2022 06:41	11/03/2022 02:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*107 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**97.5**		%	0.100	1	SM 2540G	11/03/2022 10:41	11/03/2022 14:18	YR
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: HF-Q2 (4) N @ 6'

York Sample ID: 22J1305-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1305	27-09 40th Avenue, LIC, NY 19-401.9	Soil	October 25, 2022 9:00 am	10/26/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:24	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:24	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:24	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:24	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:24	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:24	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:24	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:24	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:24	BMC NELAC-NY10854,NELAC-NY12058,NJDEP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:24	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:24	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:24	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:24	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:24	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:24	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:24	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:24	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:24	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:24	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		ug/kg dry	46	93	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:24	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:24	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
591-78-6	2-Hexanone	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:24	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:24	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: HF-Q2 (4) N @ 6'

York Sample ID: 22J1305-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1305	27-09 40th Avenue, LIC, NY 19-401.9	Soil	October 25, 2022 9:00 am	10/26/2022

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		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:24	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-02-8	Acrolein	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:24	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:24	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:24	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-97-5	Bromochloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:24	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:24	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:24	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:24	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:24	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:24	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:24	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:24	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:24	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:24	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:24	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:24	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-82-7	Cyclohexane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:24	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:24	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:24	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:24	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:24	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:24	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:24	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: HF-Q2 (4) N @ 6'

York Sample ID: 22J1305-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1305	27-09 40th Avenue, LIC, NY 19-401.9	Soil	October 25, 2022 9:00 am	10/26/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	11/02/2022 06:41 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2022 03:24	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 03:24	BMC
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	11/02/2022 06:41 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2022 03:24	BMC
75-09-2	**Methylene chloride**	**5.5**	J	ug/kg dry	4.6	9.3	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	11/03/2022 03:24	BMC
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 03:24	BMC
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 03:24	BMC
95-47-6	o-Xylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	11/03/2022 03:24	BMC
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	11/03/2022 03:24	BMC
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 03:24	BMC
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 03:24	BMC
100-42-5	Styrene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 03:24	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	11/02/2022 06:41 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2022 03:24	BMC
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 03:24	BMC
127-18-4	**Tetrachloroethylene**	**20**		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	11/03/2022 03:24	BMC
108-88-3	Toluene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 03:24	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 03:24	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 03:24	BMC
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723	11/03/2022 03:24	BMC
79-01-6	Trichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 03:24	BMC
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 03:24	BMC
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 03:24	BMC
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.0	14	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	11/03/2022 03:24	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*77-125*

Sample Information

Client Sample ID: HF-Q2 (4) N @ 6' **York Sample ID:** 22J1305-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1305	27-09 40th Avenue, LIC, NY 19-401.9	Soil	October 25, 2022 9:00 am	10/26/2022

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*	*101 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*108 %*			*76-130*						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**95.1**		%	0.100	1	SM 2540G	11/03/2022 10:41	11/03/2022 14:18	YR
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: HF-Q2 (4) N @ 10' **York Sample ID:** 22J1305-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1305	27-09 40th Avenue, LIC, NY 19-401.9	Soil	October 25, 2022 9:00 am	10/26/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/02/2022 06:41	11/03/2022 03:52	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/02/2022 06:41	11/03/2022 03:52	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/02/2022 06:41	11/03/2022 03:52	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/02/2022 06:41	11/03/2022 03:52	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/02/2022 06:41	11/03/2022 03:52	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/02/2022 06:41	11/03/2022 03:52	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/02/2022 06:41	11/03/2022 03:52	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/02/2022 06:41	11/03/2022 03:52	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/02/2022 06:41	11/03/2022 03:52	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/02/2022 06:41	11/03/2022 03:52	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			

Sample Information

Client Sample ID: HF-Q2 (4) N @ 10'

York Sample ID: 22J1305-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1305	27-09 40th Avenue, LIC, NY 19-401.9	Soil	October 25, 2022 9:00 am	10/26/2022

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		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:52	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:52	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:52	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:52	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:52	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:52	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:52	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:52	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:52	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		ug/kg dry	54	110	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:52	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:52	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
591-78-6	2-Hexanone	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:52	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:52	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	Acetone	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:52	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-02-8	Acrolein	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:52	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:52	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:52	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-97-5	Bromochloromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:52	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:52	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:52	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:52	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:52	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:52	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: HF-Q2 (4) N @ 10'

York Sample ID: 22J1305-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1305	27-09 40th Avenue, LIC, NY 19-401.9	Soil	October 25, 2022 9:00 am	10/26/2022

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		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
75-00-3	Chloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
67-66-3	Chloroform	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
74-87-3	Chloromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
110-82-7	Cyclohexane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:52 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:52 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
74-95-3	Dibromomethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:52 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:52 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:52 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
79-20-9	Methyl acetate	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:52 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:52 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-09-2	Methylene chloride	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
95-47-6	o-Xylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	BMC
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	BMC
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 03:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC

Sample Information

Client Sample ID: HF-Q2 (4) N @ 10'

York Sample ID: 22J1305-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1305	27-09 40th Avenue, LIC, NY 19-401.9	Soil	October 25, 2022 9:00 am	10/26/2022

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		ug/kg dry	2.7	5.4	1	EPA 8260C	11/02/2022 06:41	11/03/2022 03:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/02/2022 06:41	11/03/2022 03:52	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/02/2022 06:41	11/03/2022 03:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
127-18-4	**Tetrachloroethylene**	**10**		ug/kg dry	2.7	5.4	1	EPA 8260C	11/02/2022 06:41	11/03/2022 03:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
108-88-3	Toluene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/02/2022 06:41	11/03/2022 03:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/02/2022 06:41	11/03/2022 03:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/02/2022 06:41	11/03/2022 03:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/02/2022 06:41	11/03/2022 03:52	BMC
								Certifications:	CTDOH-PH-0723		
79-01-6	Trichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/02/2022 06:41	11/03/2022 03:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/02/2022 06:41	11/03/2022 03:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/02/2022 06:41	11/03/2022 03:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.1	16	1	EPA 8260C	11/02/2022 06:41	11/03/2022 03:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*107 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**97.8**		%	0.100	1	SM 2540G	11/03/2022 10:41	11/03/2022 14:18	YR
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: HF-Q2 (4) S @ 6'

York Sample ID: 22J1305-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1305	27-09 40th Avenue, LIC, NY 19-401.9	Soil	October 25, 2022 9:50 am	10/26/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:20	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:20	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:20	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:20	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:20	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:20	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:20	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:20	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:20	BMC NELAC-NY10854,NELAC-NY12058,NJDEP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:20	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:20	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:20	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:20	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:20	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:20	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:20	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:20	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:20	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:20	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		ug/kg dry	61	120	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:20	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:20	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
591-78-6	2-Hexanone	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:20	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:20	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: HF-Q2 (4) S @ 6'

York Sample ID: 22J1305-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1305	27-09 40th Avenue, LIC, NY 19-401.9	Soil	October 25, 2022 9:50 am	10/26/2022

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		ug/kg dry	6.1	12	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:20	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-02-8	Acrolein	ND		ug/kg dry	6.1	12	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:20	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:20	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:20	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-97-5	Bromochloromethane	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:20	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:20	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:20	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:20	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:20	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:20	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:20	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:20	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:20	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:20	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:20	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:20	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-82-7	Cyclohexane	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:20	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:20	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:20	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:20	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:20	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:20	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:20	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: HF-Q2 (4) S @ 6' **York Sample ID:** 22J1305-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1305	27-09 40th Avenue, LIC, NY 19-401.9	Soil	October 25, 2022 9:50 am	10/26/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2022 04:20	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 04:20	BMC
108-87-2	Methylcyclohexane	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2022 04:20	BMC
75-09-2	Methylene chloride	ND		ug/kg dry	6.1	12	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 04:20	BMC
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 04:20	BMC
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 04:20	BMC
95-47-6	o-Xylene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	11/03/2022 04:20	BMC
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.1	12	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	11/03/2022 04:20	BMC
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 04:20	BMC
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 04:20	BMC
100-42-5	Styrene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 04:20	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2022 04:20	BMC
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 04:20	BMC
127-18-4	**Tetrachloroethylene**	**36**		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	11/03/2022 04:20	BMC
108-88-3	Toluene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 04:20	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 04:20	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 04:20	BMC
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723	11/03/2022 04:20	BMC
79-01-6	Trichloroethylene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 04:20	BMC
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 04:20	BMC
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 04:20	BMC
1330-20-7	Xylenes, Total	ND		ug/kg dry	9.2	18	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	11/03/2022 04:20	BMC

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

Sample Information

Client Sample ID: HF-Q2 (4) S @ 6' **York Sample ID:** 22J1305-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1305	27-09 40th Avenue, LIC, NY 19-401.9	Soil	October 25, 2022 9:50 am	10/26/2022

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*	*101 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*109 %*			*76-130*						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**95.3**		%	0.100	1	SM 2540G	11/03/2022 10:41	11/03/2022 14:18	YR
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: HF-Q2 (4) W @ 3' **York Sample ID:** 22J1305-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1305	27-09 40th Avenue, LIC, NY 19-401.9	Soil	October 25, 2022 10:20 am	10/26/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	11/02/2022 06:41	11/03/2022 04:48	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	11/02/2022 06:41	11/03/2022 04:48	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	11/02/2022 06:41	11/03/2022 04:48	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	11/02/2022 06:41	11/03/2022 04:48	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	11/02/2022 06:41	11/03/2022 04:48	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	11/02/2022 06:41	11/03/2022 04:48	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	11/02/2022 06:41	11/03/2022 04:48	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	11/02/2022 06:41	11/03/2022 04:48	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	11/02/2022 06:41	11/03/2022 04:48	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	11/02/2022 06:41	11/03/2022 04:48	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			

Sample Information

Client Sample ID: HF-Q2 (4) W @ 3'

York Sample ID: 22J1305-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1305	27-09 40th Avenue, LIC, NY 19-401.9	Soil	October 25, 2022 10:20 am	10/26/2022

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		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:48	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:48	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:48	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:48	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:48	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:48	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:48	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:48	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:48	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		ug/kg dry	56	110	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:48	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:48	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
591-78-6	2-Hexanone	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:48	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:48	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	Acetone	ND		ug/kg dry	5.6	11	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:48	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-02-8	Acrolein	ND		ug/kg dry	5.6	11	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:48	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:48	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:48	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-97-5	Bromochloromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:48	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:48	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:48	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:48	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:48	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:48	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: HF-Q2 (4) W @ 3'

York Sample ID: 22J1305-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1305	27-09 40th Avenue, LIC, NY 19-401.9	Soil	October 25, 2022 10:20 am	10/26/2022

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		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:48	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:48	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:48	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:48	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:48	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:48	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-82-7	Cyclohexane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:48	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:48	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:48	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:48	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:48	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:48	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:48	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-20-9	Methyl acetate	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:48	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:48	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:48	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	Methylene chloride	ND		ug/kg dry	5.6	11	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:48	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:48	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:48	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-47-6	o-Xylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:48	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.6	11	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:48	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:48	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 04:48	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: HF-Q2 (4) W @ 3'

York Sample ID: 22J1305-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1305	27-09 40th Avenue, LIC, NY 19-401.9	Soil	October 25, 2022 10:20 am	10/26/2022

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		ug/kg dry	2.8	5.6	1	EPA 8260C	11/02/2022 06:41	11/03/2022 04:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	11/02/2022 06:41	11/03/2022 04:48	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	11/02/2022 06:41	11/03/2022 04:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
127-18-4	**Tetrachloroethylene**	**37**		ug/kg dry	2.8	5.6	1	EPA 8260C	11/02/2022 06:41	11/03/2022 04:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
108-88-3	Toluene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	11/02/2022 06:41	11/03/2022 04:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	11/02/2022 06:41	11/03/2022 04:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	11/02/2022 06:41	11/03/2022 04:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	11/02/2022 06:41	11/03/2022 04:48	BMC
								Certifications:	CTDOH-PH-0723		
79-01-6	Trichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	11/02/2022 06:41	11/03/2022 04:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	11/02/2022 06:41	11/03/2022 04:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	11/02/2022 06:41	11/03/2022 04:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.5	17	1	EPA 8260C	11/02/2022 06:41	11/03/2022 04:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*109 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**80.5**		%	0.100	1	SM 2540G	11/03/2022 10:41	11/03/2022 14:18	YR
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: HF-Q2 (4) W @ 6'

York Sample ID: 22J1305-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1305	27-09 40th Avenue, LIC, NY 19-401.9	Soil	October 25, 2022 10:20 am	10/26/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:16 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:16 NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:16 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
123-91-1	1,4-Dioxane	ND		ug/kg dry	52	100	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:16 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
78-93-3	2-Butanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
591-78-6	2-Hexanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC

Sample Information

Client Sample ID: HF-Q2 (4) W @ 6'

York Sample ID: 22J1305-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1305	27-09 40th Avenue, LIC, NY 19-401.9	Soil	October 25, 2022 10:20 am	10/26/2022

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		ug/kg dry	5.2	10	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:16	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-02-8	Acrolein	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:16	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:16	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:16	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-97-5	Bromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:16	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:16	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:16	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:16	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:16	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:16	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:16	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:16	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:16	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:16	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:16	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:16	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-82-7	Cyclohexane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:16	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:16	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:16	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:16	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:16	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:16	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:16	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: HF-Q2 (4) W @ 6'

York Sample ID: 22J1305-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1305	27-09 40th Avenue, LIC, NY 19-401.9	Soil	October 25, 2022 10:20 am	10/26/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2022 05:16	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 05:16	BMC
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2022 05:16	BMC
75-09-2	Methylene chloride	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 05:16	BMC
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 05:16	BMC
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 05:16	BMC
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	11/03/2022 05:16	BMC
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	11/03/2022 05:16	BMC
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 05:16	BMC
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 05:16	BMC
100-42-5	Styrene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 05:16	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2022 05:16	BMC
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 05:16	BMC
127-18-4	**Tetrachloroethylene**	**2.7**	J	ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	11/03/2022 05:16	BMC
108-88-3	Toluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 05:16	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 05:16	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 05:16	BMC
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723	11/03/2022 05:16	BMC
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 05:16	BMC
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 05:16	BMC
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 05:16	BMC
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.8	16	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	11/03/2022 05:16	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*

Sample Information

Client Sample ID: HF-Q2 (4) W @ 6' **York Sample ID:** 22J1305-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1305	27-09 40th Avenue, LIC, NY 19-401.9	Soil	October 25, 2022 10:20 am	10/26/2022

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*	*102 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*110 %*			*76-130*						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**96.2**		%	0.100	1	SM 2540G	11/03/2022 10:41	11/03/2022 14:18	YR
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCE-Q2 W @ 3' **York Sample ID:** 22J1305-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1305	27-09 40th Avenue, LIC, NY 19-401.9	Soil	October 25, 2022 10:25 am	10/26/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	11/02/2022 06:41	11/03/2022 05:45	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	11/02/2022 06:41	11/03/2022 05:45	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	11/02/2022 06:41	11/03/2022 05:45	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	11/02/2022 06:41	11/03/2022 05:45	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	11/02/2022 06:41	11/03/2022 05:45	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	11/02/2022 06:41	11/03/2022 05:45	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	11/02/2022 06:41	11/03/2022 05:45	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	11/02/2022 06:41	11/03/2022 05:45	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	11/02/2022 06:41	11/03/2022 05:45	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	11/02/2022 06:41	11/03/2022 05:45	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			

Sample Information

Client Sample ID: PCE-Q2 W @ 3' **York Sample ID:** 22J1305-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1305	27-09 40th Avenue, LIC, NY 19-401.9	Soil	October 25, 2022 10:25 am	10/26/2022

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		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:45	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:45	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:45	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:45	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:45	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:45	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:45	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:45	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:45	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		ug/kg dry	53	110	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:45	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:45	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
591-78-6	2-Hexanone	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:45	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:45	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	Acetone	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:45	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-02-8	Acrolein	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:45	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:45	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:45	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-97-5	Bromochloromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:45	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:45	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:45	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:45	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:45	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:45	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: PCE-Q2 W @ 3' **York Sample ID:** 22J1305-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1305	27-09 40th Avenue, LIC, NY 19-401.9	Soil	October 25, 2022 10:25 am	10/26/2022

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		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:45	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:45	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:45	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:45	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:45	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:45	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-82-7	Cyclohexane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:45	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:45	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:45	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:45	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:45	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:45	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:45	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-20-9	Methyl acetate	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:45	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:45	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:45	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	Methylene chloride	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:45	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:45	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:45	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-47-6	o-Xylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:45	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:45	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:45	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 05:45	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: PCE-Q2 W @ 3'

York Sample ID: 22J1305-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1305	27-09 40th Avenue, LIC, NY 19-401.9	Soil	October 25, 2022 10:25 am	10/26/2022

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		ug/kg dry	2.7	5.3	1	EPA 8260C	11/02/2022 06:41	11/03/2022 05:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	11/02/2022 06:41	11/03/2022 05:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	11/02/2022 06:41	11/03/2022 05:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
127-18-4	**Tetrachloroethylene**	**5.4**		ug/kg dry	2.7	5.3	1	EPA 8260C	11/02/2022 06:41	11/03/2022 05:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
108-88-3	Toluene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	11/02/2022 06:41	11/03/2022 05:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	11/02/2022 06:41	11/03/2022 05:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	11/02/2022 06:41	11/03/2022 05:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	11/02/2022 06:41	11/03/2022 05:45	BMC
								Certifications:	CTDOH-PH-0723		
79-01-6	Trichloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	11/02/2022 06:41	11/03/2022 05:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	11/02/2022 06:41	11/03/2022 05:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	11/02/2022 06:41	11/03/2022 05:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.0	16	1	EPA 8260C	11/02/2022 06:41	11/03/2022 05:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*108 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**98.9**		%	0.100	1	SM 2540G	11/03/2022 10:41	11/03/2022 14:18	YR
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **PCE-Q2 W @ 5'** **York Sample ID:** **22J1305-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1305	27-09 40th Avenue, LIC, NY 19-401.9	Soil	October 25, 2022 10:25 am	10/26/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	4.5	8.9	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	4.5	8.9	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	4.5	8.9	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	4.5	8.9	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	4.5	8.9	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	4.5	8.9	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	4.5	8.9	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	4.5	8.9	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:13 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	4.5	8.9	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:13 NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	4.5	8.9	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:13 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	4.5	8.9	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	4.5	8.9	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	4.5	8.9	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	4.5	8.9	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	4.5	8.9	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	4.5	8.9	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	4.5	8.9	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	4.5	8.9	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	4.5	8.9	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
123-91-1	1,4-Dioxane	ND		ug/kg dry	89	180	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:13 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
78-93-3	2-Butanone	ND		ug/kg dry	4.5	8.9	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
591-78-6	2-Hexanone	ND		ug/kg dry	4.5	8.9	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	4.5	8.9	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC

Sample Information

Client Sample ID: PCE-Q2 W @ 5'

York Sample ID: 22J1305-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1305	27-09 40th Avenue, LIC, NY 19-401.9	Soil	October 25, 2022 10:25 am	10/26/2022

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		ug/kg dry	8.9	18	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:13	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-02-8	Acrolein	ND		ug/kg dry	8.9	18	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:13	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		ug/kg dry	4.5	8.9	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:13	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/kg dry	4.5	8.9	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:13	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-97-5	Bromochloromethane	ND		ug/kg dry	4.5	8.9	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:13	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	4.5	8.9	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:13	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		ug/kg dry	4.5	8.9	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:13	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		ug/kg dry	4.5	8.9	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:13	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		ug/kg dry	4.5	8.9	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:13	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/kg dry	4.5	8.9	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:13	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/kg dry	4.5	8.9	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:13	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		ug/kg dry	4.5	8.9	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:13	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		ug/kg dry	4.5	8.9	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:13	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND		ug/kg dry	4.5	8.9	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:13	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	4.5	8.9	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:13	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	4.5	8.9	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:13	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-82-7	Cyclohexane	ND		ug/kg dry	4.5	8.9	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:13	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	4.5	8.9	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:13	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/kg dry	4.5	8.9	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:13	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	4.5	8.9	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:13	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/kg dry	4.5	8.9	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:13	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	4.5	8.9	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:13	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/kg dry	4.5	8.9	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:13	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: PCE-Q2 W @ 5'

York Sample ID: 22J1305-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1305	27-09 40th Avenue, LIC, NY 19-401.9	Soil	October 25, 2022 10:25 am	10/26/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/kg dry	4.5	8.9	1	EPA 8260C Certifications:	11/02/2022 06:41 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2022 06:13	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	4.5	8.9	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:13	BMC
108-87-2	Methylcyclohexane	ND		ug/kg dry	4.5	8.9	1	EPA 8260C Certifications:	11/02/2022 06:41 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2022 06:13	BMC
75-09-2	Methylene chloride	ND		ug/kg dry	8.9	18	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:13	BMC
104-51-8	n-Butylbenzene	ND		ug/kg dry	4.5	8.9	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:13	BMC
103-65-1	n-Propylbenzene	ND		ug/kg dry	4.5	8.9	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:13	BMC
95-47-6	o-Xylene	ND		ug/kg dry	4.5	8.9	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	11/03/2022 06:13	BMC
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	8.9	18	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	11/03/2022 06:13	BMC
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	4.5	8.9	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:13	BMC
135-98-8	sec-Butylbenzene	ND		ug/kg dry	4.5	8.9	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:13	BMC
100-42-5	Styrene	ND		ug/kg dry	4.5	8.9	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:13	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	4.5	8.9	1	EPA 8260C Certifications:	11/02/2022 06:41 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2022 06:13	BMC
98-06-6	tert-Butylbenzene	ND		ug/kg dry	4.5	8.9	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:13	BMC
127-18-4	**Tetrachloroethylene**	**2900**	VOA-E, E	ug/kg dry	4.5	8.9	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	11/03/2022 06:13	BMC
108-88-3	Toluene	ND		ug/kg dry	4.5	8.9	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:13	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	4.5	8.9	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:13	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	4.5	8.9	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:13	BMC
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	4.5	8.9	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723	11/03/2022 06:13	BMC
79-01-6	**Trichloroethylene**	**9.4**		ug/kg dry	4.5	8.9	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	11/03/2022 06:13	BMC
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	4.5	8.9	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:13	BMC
75-01-4	Vinyl Chloride	ND		ug/kg dry	4.5	8.9	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:13	BMC
1330-20-7	Xylenes, Total	ND		ug/kg dry	13	27	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	11/03/2022 06:13	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*

Sample Information

Client Sample ID: PCE-Q2 W @ 5' **York Sample ID:** 22J1305-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1305	27-09 40th Avenue, LIC, NY 19-401.9	Soil	October 25, 2022 10:25 am	10/26/2022

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*	*109 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*118 %*			*76-130*						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**88.6**		%	0.100	1	SM 2540G	11/03/2022 10:41	11/03/2022 14:18	YR
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCE-Q2 S @ 3' **York Sample ID:** 22J1305-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1305	27-09 40th Avenue, LIC, NY 19-401.9	Soil	October 25, 2022 10:35 am	10/26/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	11/02/2022 06:41	11/03/2022 06:41	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	11/02/2022 06:41	11/03/2022 06:41	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	11/02/2022 06:41	11/03/2022 06:41	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	11/02/2022 06:41	11/03/2022 06:41	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	11/02/2022 06:41	11/03/2022 06:41	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	11/02/2022 06:41	11/03/2022 06:41	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	11/02/2022 06:41	11/03/2022 06:41	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	11/02/2022 06:41	11/03/2022 06:41	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	11/02/2022 06:41	11/03/2022 06:41	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	11/02/2022 06:41	11/03/2022 06:41	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			

Sample Information

Client Sample ID: PCE-Q2 S @ 3'

York Sample ID: 22J1305-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1305	27-09 40th Avenue, LIC, NY 19-401.9	Soil	October 25, 2022 10:35 am	10/26/2022

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		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:41	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:41	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:41	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:41	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:41	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:41	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:41	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:41	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:41	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		ug/kg dry	59	120	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:41	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:41	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
591-78-6	2-Hexanone	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:41	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:41	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	Acetone	ND		ug/kg dry	5.9	12	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:41	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-02-8	Acrolein	ND		ug/kg dry	5.9	12	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:41	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:41	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:41	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-97-5	Bromochloromethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:41	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:41	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:41	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:41	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:41	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:41	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: PCE-Q2 S @ 3'

York Sample ID: 22J1305-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1305	27-09 40th Avenue, LIC, NY 19-401.9	Soil	October 25, 2022 10:35 am	10/26/2022

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		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:41	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:41	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:41	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:41	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:41	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:41	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-82-7	Cyclohexane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:41	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:41	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:41	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:41	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:41	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:41	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:41	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-20-9	Methyl acetate	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:41	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:41	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-87-2	Methylcyclohexane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:41	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	Methylene chloride	ND		ug/kg dry	5.9	12	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:41	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:41	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:41	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-47-6	o-Xylene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:41	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.9	12	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:41	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:41	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 06:41	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: PCE-Q2 S @ 3'

York Sample ID: 22J1305-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1305	27-09 40th Avenue, LIC, NY 19-401.9	Soil	October 25, 2022 10:35 am	10/26/2022

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		ug/kg dry	3.0	5.9	1	EPA 8260C	11/02/2022 06:41	11/03/2022 06:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	11/02/2022 06:41	11/03/2022 06:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	11/02/2022 06:41	11/03/2022 06:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
127-18-4	**Tetrachloroethylene**	**140**		ug/kg dry	3.0	5.9	1	EPA 8260C	11/02/2022 06:41	11/03/2022 06:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
108-88-3	Toluene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	11/02/2022 06:41	11/03/2022 06:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	11/02/2022 06:41	11/03/2022 06:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	11/02/2022 06:41	11/03/2022 06:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	11/02/2022 06:41	11/03/2022 06:41	BMC
								Certifications:	CTDOH-PH-0723		
79-01-6	Trichloroethylene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	11/02/2022 06:41	11/03/2022 06:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	11/02/2022 06:41	11/03/2022 06:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	11/02/2022 06:41	11/03/2022 06:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.9	18	1	EPA 8260C	11/02/2022 06:41	11/03/2022 06:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*103 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*112 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**87.2**		%	0.100	1	SM 2540G	11/03/2022 10:41	11/03/2022 14:18	YR
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: PCE-Q2 N @ 3'

York Sample ID: 22J1305-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1305	27-09 40th Avenue, LIC, NY 19-401.9	Soil	October 25, 2022 11:05 am	10/26/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:09 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:09 NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:09 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
123-91-1	1,4-Dioxane	ND		ug/kg dry	57	110	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:09 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
78-93-3	2-Butanone	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
591-78-6	2-Hexanone	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC

Sample Information

Client Sample ID: PCE-Q2 N @ 3'

York Sample ID: 22J1305-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1305	27-09 40th Avenue, LIC, NY 19-401.9	Soil	October 25, 2022 11:05 am	10/26/2022

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		ug/kg dry	5.7	11	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:09	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-02-8	Acrolein	ND		ug/kg dry	5.7	11	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:09	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:09	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:09	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-97-5	Bromochloromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:09	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:09	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:09	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:09	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:09	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:09	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:09	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:09	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:09	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:09	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:09	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:09	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-82-7	Cyclohexane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:09	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:09	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:09	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:09	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:09	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:09	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:09	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: PCE-Q2 N @ 3'

York Sample ID: 22J1305-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1305	27-09 40th Avenue, LIC, NY 19-401.9	Soil	October 25, 2022 11:05 am	10/26/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2022 07:09	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 07:09	BMC
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2022 07:09	BMC
75-09-2	**Methylene chloride**	**11**	J	ug/kg dry	5.7	11	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	11/03/2022 07:09	BMC
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 07:09	BMC
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 07:09	BMC
95-47-6	o-Xylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	11/03/2022 07:09	BMC
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.7	11	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	11/03/2022 07:09	BMC
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 07:09	BMC
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 07:09	BMC
100-42-5	Styrene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 07:09	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2022 07:09	BMC
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 07:09	BMC
127-18-4	**Tetrachloroethylene**	**38**		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	11/03/2022 07:09	BMC
108-88-3	Toluene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 07:09	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 07:09	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 07:09	BMC
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723	11/03/2022 07:09	BMC
79-01-6	Trichloroethylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 07:09	BMC
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 07:09	BMC
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 07:09	BMC
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.5	17	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	11/03/2022 07:09	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*77-125*

Sample Information

Client Sample ID: PCE-Q2 N @ 3' **York Sample ID:** 22J1305-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1305	27-09 40th Avenue, LIC, NY 19-401.9	Soil	October 25, 2022 11:05 am	10/26/2022

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*	*103 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*110 %*			*76-130*						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.0**		%	0.100	1	SM 2540G	11/03/2022 10:41	11/03/2022 14:18	YR
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCE-Q2 E @ 5' **York Sample ID:** 22J1305-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1305	27-09 40th Avenue, LIC, NY 19-401.9	Soil	October 25, 2022 11:25 am	10/26/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	11/02/2022 06:41	11/03/2022 07:37	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	11/02/2022 06:41	11/03/2022 07:37	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	11/02/2022 06:41	11/03/2022 07:37	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	11/02/2022 06:41	11/03/2022 07:37	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	11/02/2022 06:41	11/03/2022 07:37	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	11/02/2022 06:41	11/03/2022 07:37	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	11/02/2022 06:41	11/03/2022 07:37	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	11/02/2022 06:41	11/03/2022 07:37	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	11/02/2022 06:41	11/03/2022 07:37	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	11/02/2022 06:41	11/03/2022 07:37	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			

Sample Information

Client Sample ID: PCE-Q2 E @ 5'

York Sample ID: 22J1305-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1305	27-09 40th Avenue, LIC, NY 19-401.9	Soil	October 25, 2022 11:25 am	10/26/2022

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		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:37	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:37	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:37	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:37	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:37	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:37	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:37	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:37	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:37	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		ug/kg dry	61	120	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:37	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:37	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
591-78-6	2-Hexanone	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:37	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:37	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	Acetone	ND		ug/kg dry	6.1	12	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:37	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-02-8	Acrolein	ND		ug/kg dry	6.1	12	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:37	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:37	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:37	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-97-5	Bromochloromethane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:37	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:37	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:37	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:37	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:37	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:37	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: PCE-Q2 E @ 5'

York Sample ID: 22J1305-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1305	27-09 40th Avenue, LIC, NY 19-401.9	Soil	October 25, 2022 11:25 am	10/26/2022

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		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:37	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:37	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:37	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:37	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:37	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:37	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-82-7	Cyclohexane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:37	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:37	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:37	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:37	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:37	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:37	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:37	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-20-9	Methyl acetate	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:37	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:37	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-87-2	Methylcyclohexane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:37	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	**Methylene chloride**	**15**		ug/kg dry	6.1	12	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:37	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:37	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:37	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-47-6	o-Xylene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:37	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.1	12	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:37	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:37	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 07:37	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: PCE-Q2 E @ 5'

York Sample ID: 22J1305-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1305	27-09 40th Avenue, LIC, NY 19-401.9	Soil	October 25, 2022 11:25 am	10/26/2022

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		ug/kg dry	3.0	6.1	1	EPA 8260C	11/02/2022 06:41	11/03/2022 07:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	11/02/2022 06:41	11/03/2022 07:37	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	11/02/2022 06:41	11/03/2022 07:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
127-18-4	**Tetrachloroethylene**	**6.2**		ug/kg dry	3.0	6.1	1	EPA 8260C	11/02/2022 06:41	11/03/2022 07:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
108-88-3	Toluene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	11/02/2022 06:41	11/03/2022 07:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	11/02/2022 06:41	11/03/2022 07:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	11/02/2022 06:41	11/03/2022 07:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	11/02/2022 06:41	11/03/2022 07:37	BMC
								Certifications:	CTDOH-PH-0723		
79-01-6	Trichloroethylene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	11/02/2022 06:41	11/03/2022 07:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	11/02/2022 06:41	11/03/2022 07:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	11/02/2022 06:41	11/03/2022 07:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		ug/kg dry	9.1	18	1	EPA 8260C	11/02/2022 06:41	11/03/2022 07:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*107 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*111 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**97.2**		%	0.100	1	SM 2540G	11/03/2022 10:41	11/03/2022 14:18	YR
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: PCE-Q2 WN @ 4' **York Sample ID:** 22J1305-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1305	27-09 40th Avenue, LIC, NY 19-401.9	Soil	October 25, 2022 11:30 am	10/26/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:05 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:05 NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:05 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
123-91-1	1,4-Dioxane	ND		ug/kg dry	65	130	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:05 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
78-93-3	2-Butanone	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
591-78-6	2-Hexanone	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC

Sample Information

Client Sample ID: PCE-Q2 WN @ 4' **York Sample ID:** 22J1305-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1305	27-09 40th Avenue, LIC, NY 19-401.9	Soil	October 25, 2022 11:30 am	10/26/2022

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		ug/kg dry	6.5	13	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:05	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-02-8	Acrolein	ND		ug/kg dry	6.5	13	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:05	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:05	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:05	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-97-5	Bromochloromethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:05	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:05	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:05	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:05	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:05	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:05	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:05	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:05	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:05	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:05	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:05	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:05	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-82-7	Cyclohexane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:05	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:05	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:05	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:05	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:05	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:05	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:05	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: PCE-Q2 WN @ 4' **York Sample ID:** 22J1305-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1305	27-09 40th Avenue, LIC, NY 19-401.9	Soil	October 25, 2022 11:30 am	10/26/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	11/02/2022 06:41 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2022 08:05	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 08:05	BMC
108-87-2	Methylcyclohexane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	11/02/2022 06:41 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2022 08:05	BMC
75-09-2	**Methylene chloride**	**13**	J	ug/kg dry	6.5	13	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	11/03/2022 08:05	BMC
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 08:05	BMC
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 08:05	BMC
95-47-6	o-Xylene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	11/03/2022 08:05	BMC
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.5	13	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	11/03/2022 08:05	BMC
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 08:05	BMC
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 08:05	BMC
100-42-5	Styrene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 08:05	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	11/02/2022 06:41 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2022 08:05	BMC
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 08:05	BMC
127-18-4	**Tetrachloroethylene**	**18**		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	11/03/2022 08:05	BMC
108-88-3	Toluene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 08:05	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 08:05	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 08:05	BMC
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723	11/03/2022 08:05	BMC
79-01-6	Trichloroethylene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 08:05	BMC
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 08:05	BMC
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 08:05	BMC
1330-20-7	Xylenes, Total	ND		ug/kg dry	9.8	20	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	11/03/2022 08:05	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*

Sample Information

Client Sample ID: PCE-Q2 WN @ 4' **York Sample ID:** 22J1305-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1305	27-09 40th Avenue, LIC, NY 19-401.9	Soil	October 25, 2022 11:30 am	10/26/2022

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*	*103 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*112 %*			*76-130*						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**93.8**		%	0.100	1	SM 2540G	11/03/2022 10:41	11/03/2022 14:18	YR
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCE-Q2 WS @ 2' **York Sample ID:** 22J1305-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1305	27-09 40th Avenue, LIC, NY 19-401.9	Soil	October 25, 2022 11:40 am	10/26/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	11/02/2022 06:41	11/03/2022 08:32	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	11/02/2022 06:41	11/03/2022 08:32	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	11/02/2022 06:41	11/03/2022 08:32	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	11/02/2022 06:41	11/03/2022 08:32	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	11/02/2022 06:41	11/03/2022 08:32	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	11/02/2022 06:41	11/03/2022 08:32	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	11/02/2022 06:41	11/03/2022 08:32	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	11/02/2022 06:41	11/03/2022 08:32	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	11/02/2022 06:41	11/03/2022 08:32	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	11/02/2022 06:41	11/03/2022 08:32	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			

Sample Information

Client Sample ID: PCE-Q2 WS @ 2'

York Sample ID: 22J1305-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1305	27-09 40th Avenue, LIC, NY 19-401.9	Soil	October 25, 2022 11:40 am	10/26/2022

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		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:32	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:32	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:32	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:32	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:32	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:32	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:32	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:32	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:32	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		ug/kg dry	57	110	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:32	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:32	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
591-78-6	2-Hexanone	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:32	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:32	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	Acetone	ND		ug/kg dry	5.7	11	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:32	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-02-8	Acrolein	ND		ug/kg dry	5.7	11	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:32	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:32	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:32	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-97-5	Bromochloromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:32	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:32	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:32	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:32	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:32	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:32	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: PCE-Q2 WS @ 2'

York Sample ID: 22J1305-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1305	27-09 40th Avenue, LIC, NY 19-401.9	Soil	October 25, 2022 11:40 am	10/26/2022

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		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:32	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:32	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:32	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:32	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:32	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:32	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-82-7	Cyclohexane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:32	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:32	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:32	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:32	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:32	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:32	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:32	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-20-9	Methyl acetate	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:32	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:32	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:32	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	**Methylene chloride**	**8.2**	J	ug/kg dry	5.7	11	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:32	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:32	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:32	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-47-6	o-Xylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:32	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.7	11	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:32	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:32	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 08:32	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: PCE-Q2 WS @ 2'

York Sample ID: 22J1305-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1305	27-09 40th Avenue, LIC, NY 19-401.9	Soil	October 25, 2022 11:40 am	10/26/2022

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		ug/kg dry	2.8	5.7	1	EPA 8260C	11/02/2022 06:41	11/03/2022 08:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	11/02/2022 06:41	11/03/2022 08:32	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	11/02/2022 06:41	11/03/2022 08:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
127-18-4	**Tetrachloroethylene**	**11000**	CCVE	ug/kg dry	280	570	100	EPA 8260C	11/02/2022 06:51	11/03/2022 10:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
108-88-3	Toluene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	11/02/2022 06:41	11/03/2022 08:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	11/02/2022 06:41	11/03/2022 08:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	11/02/2022 06:41	11/03/2022 08:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	11/02/2022 06:41	11/03/2022 08:32	BMC
								Certifications:	CTDOH-PH-0723		
79-01-6	Trichloroethylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	11/02/2022 06:41	11/03/2022 08:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	11/02/2022 06:41	11/03/2022 08:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	11/02/2022 06:41	11/03/2022 08:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.5	17	1	EPA 8260C	11/02/2022 06:41	11/03/2022 08:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*104 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*113 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**86.1**		%	0.100	1	SM 2540G	11/03/2022 10:41	11/03/2022 14:18	YR
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: PCE-Q2 WS @ 5'

York Sample ID: 22J1305-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1305	27-09 40th Avenue, LIC, NY 19-401.9	Soil	October 25, 2022 11:40 am	10/26/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
123-91-1	1,4-Dioxane	ND		ug/kg dry	56	110	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
78-93-3	2-Butanone	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
591-78-6	2-Hexanone	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC

Sample Information

Client Sample ID: PCE-Q2 WS @ 5'

York Sample ID: 22J1305-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1305	27-09 40th Avenue, LIC, NY 19-401.9	Soil	October 25, 2022 11:40 am	10/26/2022

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**	**6.4**	J	ug/kg dry	5.6	11	1	EPA 8260C	11/02/2022 06:41	11/03/2022 09:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
107-02-8	Acrolein	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/02/2022 06:41	11/03/2022 09:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-13-1	Acrylonitrile	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	11/02/2022 06:41	11/03/2022 09:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-43-2	Benzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	11/02/2022 06:41	11/03/2022 09:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-97-5	Bromochloromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	11/02/2022 06:41	11/03/2022 09:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	11/02/2022 06:41	11/03/2022 09:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-25-2	Bromoform	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	11/02/2022 06:41	11/03/2022 09:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-83-9	Bromomethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	11/02/2022 06:41	11/03/2022 09:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-15-0	Carbon disulfide	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	11/02/2022 06:41	11/03/2022 09:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	11/02/2022 06:41	11/03/2022 09:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-90-7	Chlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	11/02/2022 06:41	11/03/2022 09:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-00-3	Chloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	11/02/2022 06:41	11/03/2022 09:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-66-3	Chloroform	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	11/02/2022 06:41	11/03/2022 09:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-87-3	Chloromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	11/02/2022 06:41	11/03/2022 09:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	11/02/2022 06:41	11/03/2022 09:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	11/02/2022 06:41	11/03/2022 09:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
110-82-7	Cyclohexane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	11/02/2022 06:41	11/03/2022 09:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	11/02/2022 06:41	11/03/2022 09:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	11/02/2022 06:41	11/03/2022 09:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	11/02/2022 06:41	11/03/2022 09:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	11/02/2022 06:41	11/03/2022 09:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	11/02/2022 06:41	11/03/2022 09:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	11/02/2022 06:41	11/03/2022 09:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: PCE-Q2 WS @ 5'

York Sample ID: 22J1305-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1305	27-09 40th Avenue, LIC, NY 19-401.9	Soil	October 25, 2022 11:40 am	10/26/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	11/02/2022 06:41 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2022 09:00	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 09:00	BMC
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	11/02/2022 06:41 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2022 09:00	BMC
75-09-2	Methylene chloride	ND		ug/kg dry	5.6	11	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 09:00	BMC
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 09:00	BMC
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 09:00	BMC
95-47-6	o-Xylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	11/03/2022 09:00	BMC
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.6	11	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	11/03/2022 09:00	BMC
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 09:00	BMC
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 09:00	BMC
100-42-5	Styrene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 09:00	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	11/02/2022 06:41 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2022 09:00	BMC
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 09:00	BMC
127-18-4	**Tetrachloroethylene**	**7.0**		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	11/03/2022 09:00	BMC
108-88-3	Toluene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 09:00	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 09:00	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 09:00	BMC
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723	11/03/2022 09:00	BMC
79-01-6	Trichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 09:00	BMC
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 09:00	BMC
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 09:00	BMC
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.5	17	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	11/03/2022 09:00	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*107 %*	*77-125*

Sample Information

Client Sample ID: PCE-Q2 WS @ 5' **York Sample ID:** 22J1305-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1305	27-09 40th Avenue, LIC, NY 19-401.9	Soil	October 25, 2022 11:40 am	10/26/2022

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*	*102 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*110 %*			*76-130*						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**97.8**		%	0.100	1	SM 2540G	11/03/2022 10:41	11/03/2022 14:18	YR
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCE-Q2 WW @ 3' **York Sample ID:** 22J1305-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1305	27-09 40th Avenue, LIC, NY 19-401.9	Soil	October 25, 2022 11:55 am	10/26/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/02/2022 06:41	11/03/2022 09:28	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/02/2022 06:41	11/03/2022 09:28	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/02/2022 06:41	11/03/2022 09:28	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/02/2022 06:41	11/03/2022 09:28	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/02/2022 06:41	11/03/2022 09:28	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/02/2022 06:41	11/03/2022 09:28	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/02/2022 06:41	11/03/2022 09:28	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/02/2022 06:41	11/03/2022 09:28	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/02/2022 06:41	11/03/2022 09:28	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/02/2022 06:41	11/03/2022 09:28	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			

Sample Information

Client Sample ID: PCE-Q2 WW @ 3'

York Sample ID: 22J1305-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1305	27-09 40th Avenue, LIC, NY 19-401.9	Soil	October 25, 2022 11:55 am	10/26/2022

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		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:28	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:28	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:28	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:28	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:28	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:28	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:28	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:28	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:28	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		ug/kg dry	58	120	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:28	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:28	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
591-78-6	2-Hexanone	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:28	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:28	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	Acetone	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:28	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-02-8	Acrolein	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:28	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:28	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:28	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-97-5	Bromochloromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:28	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:28	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:28	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:28	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:28	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:28	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: PCE-Q2 WW @ 3' **York Sample ID:** 22J1305-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1305	27-09 40th Avenue, LIC, NY 19-401.9	Soil	October 25, 2022 11:55 am	10/26/2022

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		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:28	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:28	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:28	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:28	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:28	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:28	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-82-7	Cyclohexane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:28	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:28	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:28	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:28	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:28	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:28	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:28	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-20-9	Methyl acetate	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:28	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:28	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:28	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	**Methylene chloride**	**11**	J	ug/kg dry	5.8	12	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:28	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:28	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:28	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-47-6	o-Xylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:28	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:28	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:28	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:28	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: PCE-Q2 WW @ 3' **York Sample ID:** 22J1305-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1305	27-09 40th Avenue, LIC, NY 19-401.9	Soil	October 25, 2022 11:55 am	10/26/2022

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		ug/kg dry	2.9	5.8	1	EPA 8260C	11/02/2022 06:41	11/03/2022 09:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/02/2022 06:41	11/03/2022 09:28	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/02/2022 06:41	11/03/2022 09:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
127-18-4	**Tetrachloroethylene**	**33000**	CCVE	ug/kg dry	510	1000	100	EPA 8260C	11/02/2022 06:51	11/03/2022 10:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
108-88-3	Toluene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/02/2022 06:41	11/03/2022 09:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/02/2022 06:41	11/03/2022 09:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/02/2022 06:41	11/03/2022 09:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/02/2022 06:41	11/03/2022 09:28	BMC
								Certifications:	CTDOH-PH-0723		
79-01-6	**Trichloroethylene**	**3.6**	J	ug/kg dry	2.9	5.8	1	EPA 8260C	11/02/2022 06:41	11/03/2022 09:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/02/2022 06:41	11/03/2022 09:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/02/2022 06:41	11/03/2022 09:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.7	17	1	EPA 8260C	11/02/2022 06:41	11/03/2022 09:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*108 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*119 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**83.7**		%	0.100	1	SM 2540G	11/03/2022 10:41	11/03/2022 14:18	YR
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: HF-Q2 (4) S @ 4'

York Sample ID: 22J1305-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1305	27-09 40th Avenue, LIC, NY 19-401.9	Soil	October 25, 2022 3:00 pm	10/26/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:56 NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
123-91-1	1,4-Dioxane	ND		ug/kg dry	47	94	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
78-93-3	2-Butanone	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
591-78-6	2-Hexanone	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC

Sample Information

Client Sample ID: HF-Q2 (4) S @ 4'

York Sample ID: 22J1305-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1305	27-09 40th Avenue, LIC, NY 19-401.9	Soil	October 25, 2022 3:00 pm	10/26/2022

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		ug/kg dry	4.7	9.4	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
107-02-8	Acrolein	ND		ug/kg dry	4.7	9.4	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
107-13-1	Acrylonitrile	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
71-43-2	Benzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
74-97-5	Bromochloromethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
75-25-2	Bromoform	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
74-83-9	Bromomethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
75-15-0	Carbon disulfide	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
108-90-7	Chlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
75-00-3	Chloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
67-66-3	Chloroform	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
74-87-3	Chloromethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
110-82-7	Cyclohexane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
74-95-3	Dibromomethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 09:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC

Sample Information

Client Sample ID: HF-Q2 (4) S @ 4'

York Sample ID: 22J1305-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1305	27-09 40th Avenue, LIC, NY 19-401.9	Soil	October 25, 2022 3:00 pm	10/26/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	11/02/2022 06:41 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2022 09:56	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 09:56	BMC
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	11/02/2022 06:41 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2022 09:56	BMC
75-09-2	Methylene chloride	ND		ug/kg dry	4.7	9.4	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 09:56	BMC
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 09:56	BMC
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 09:56	BMC
95-47-6	o-Xylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	11/03/2022 09:56	BMC
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.7	9.4	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	11/03/2022 09:56	BMC
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 09:56	BMC
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 09:56	BMC
100-42-5	Styrene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 09:56	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	11/02/2022 06:41 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2022 09:56	BMC
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 09:56	BMC
127-18-4	**Tetrachloroethylene**	**85**		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	11/03/2022 09:56	BMC
108-88-3	Toluene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 09:56	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 09:56	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 09:56	BMC
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723	11/03/2022 09:56	BMC
79-01-6	Trichloroethylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 09:56	BMC
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 09:56	BMC
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 09:56	BMC
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.1	14	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	11/03/2022 09:56	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*

Sample Information

Client Sample ID: HF-Q2 (4) S @ 4' **York Sample ID:** 22J1305-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1305	27-09 40th Avenue, LIC, NY 19-401.9	Soil	October 25, 2022 3:00 pm	10/26/2022

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*	*103 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*114 %*			*76-130*						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**85.3**		%	0.100	1	SM 2540G	11/03/2022 10:41	11/03/2022 14:18	YR
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: HF-Q2 (4) W @ 10' **York Sample ID:** 22J1305-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1305	27-09 40th Avenue, LIC, NY 19-401.9	Soil	October 25, 2022 3:00 pm	10/26/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/02/2022 06:41	11/03/2022 10:24	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/02/2022 06:41	11/03/2022 10:24	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/02/2022 06:41	11/03/2022 10:24	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/02/2022 06:41	11/03/2022 10:24	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/02/2022 06:41	11/03/2022 10:24	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/02/2022 06:41	11/03/2022 10:24	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/02/2022 06:41	11/03/2022 10:24	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/02/2022 06:41	11/03/2022 10:24	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/02/2022 06:41	11/03/2022 10:24	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/02/2022 06:41	11/03/2022 10:24	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			

Sample Information

Client Sample ID: HF-Q2 (4) W @ 10'

York Sample ID: 22J1305-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1305	27-09 40th Avenue, LIC, NY 19-401.9	Soil	October 25, 2022 3:00 pm	10/26/2022

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		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:24	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:24	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:24	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:24	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:24	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:24	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:24	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:24	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:24	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		ug/kg dry	54	110	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:24	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:24	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
591-78-6	2-Hexanone	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:24	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:24	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	Acetone	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:24	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-02-8	Acrolein	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:24	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:24	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:24	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-97-5	Bromochloromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:24	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:24	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:24	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:24	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:24	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:24	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: HF-Q2 (4) W @ 10'

York Sample ID: 22J1305-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1305	27-09 40th Avenue, LIC, NY 19-401.9	Soil	October 25, 2022 3:00 pm	10/26/2022

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		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:24	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:24	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:24	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:24	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:24	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:24	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-82-7	Cyclohexane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:24	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:24	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:24	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:24	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:24	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:24	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:24	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-20-9	Methyl acetate	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:24	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:24	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:24	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	**Methylene chloride**	**11**	J	ug/kg dry	5.4	11	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:24	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:24	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:24	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-47-6	o-Xylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:24	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:24	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:24	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:24	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: HF-Q2 (4) W @ 10'

York Sample ID: 22J1305-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1305	27-09 40th Avenue, LIC, NY 19-401.9	Soil	October 25, 2022 3:00 pm	10/26/2022

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		ug/kg dry	2.7	5.4	1	EPA 8260C	11/02/2022 06:41	11/03/2022 10:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/02/2022 06:41	11/03/2022 10:24	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/02/2022 06:41	11/03/2022 10:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
127-18-4	**Tetrachloroethylene**	**19**		ug/kg dry	2.7	5.4	1	EPA 8260C	11/02/2022 06:41	11/03/2022 10:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
108-88-3	Toluene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/02/2022 06:41	11/03/2022 10:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/02/2022 06:41	11/03/2022 10:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/02/2022 06:41	11/03/2022 10:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/02/2022 06:41	11/03/2022 10:24	BMC
								Certifications:	CTDOH-PH-0723		
79-01-6	Trichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/02/2022 06:41	11/03/2022 10:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/02/2022 06:41	11/03/2022 10:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	11/02/2022 06:41	11/03/2022 10:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.2	16	1	EPA 8260C	11/02/2022 06:41	11/03/2022 10:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*107 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*113 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**97.2**		%	0.100	1	SM 2540G	11/03/2022 10:41	11/03/2022 14:18	YR
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: HF-Q2 (4) N @ 5'

York Sample ID: 22J1305-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1305	27-09 40th Avenue, LIC, NY 19-401.9	Soil	October 25, 2022 3:00 pm	10/26/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:52 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:52 NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:52 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
123-91-1	1,4-Dioxane	ND		ug/kg dry	52	100	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:52 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
78-93-3	2-Butanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
591-78-6	2-Hexanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:52 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC

Sample Information

Client Sample ID: HF-Q2 (4) N @ 5'

York Sample ID: 22J1305-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1305	27-09 40th Avenue, LIC, NY 19-401.9	Soil	October 25, 2022 3:00 pm	10/26/2022

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		ug/kg dry	5.2	10	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:52	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-02-8	Acrolein	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:52	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:52	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:52	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-97-5	Bromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:52	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:52	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:52	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:52	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:52	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:52	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:52	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:52	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:52	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:52	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:52	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:52	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-82-7	Cyclohexane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:52	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:52	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:52	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:52	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:52	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:52	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41	11/03/2022 10:52	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: HF-Q2 (4) N @ 5'

York Sample ID: 22J1305-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1305	27-09 40th Avenue, LIC, NY 19-401.9	Soil	October 25, 2022 3:00 pm	10/26/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2022 10:52	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 10:52	BMC
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2022 10:52	BMC
75-09-2	**Methylene chloride**	**17**		ug/kg dry	5.2	10	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	11/03/2022 10:52	BMC
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 10:52	BMC
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 10:52	BMC
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	11/03/2022 10:52	BMC
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	11/03/2022 10:52	BMC
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 10:52	BMC
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 10:52	BMC
100-42-5	Styrene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 10:52	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2022 10:52	BMC
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 10:52	BMC
127-18-4	**Tetrachloroethylene**	**2.9**	J	ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	11/03/2022 10:52	BMC
108-88-3	Toluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 10:52	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 10:52	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 10:52	BMC
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723	11/03/2022 10:52	BMC
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 10:52	BMC
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 10:52	BMC
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 10:52	BMC
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.8	16	1	EPA 8260C Certifications:	11/02/2022 06:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	11/03/2022 10:52	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*109 %*	*77-125*

Sample Information

Client Sample ID: **HF-Q2 (4) N @ 5'** **York Sample ID:** **22J1305-19**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1305	27-09 40th Avenue, LIC, NY 19-401.9	Soil	October 25, 2022 3:00 pm	10/26/2022

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*	*104 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*112 %*			*76-130*						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**97.1**		%	0.100	1	SM 2540G	11/03/2022 10:41	11/03/2022 14:18	YR
							Certifications: CTDOH-PH-0723			

Analytical Batch Summary

Batch ID: BJ21090 **Preparation Method:** EPA 5035A **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
22J1305-01RE1	HF-Q2 (4) E @ 3'	11/02/22
22J1305-14RE1	PCE-Q2 WS @ 2'	11/02/22
22J1305-16RE1	PCE-Q2 WW @ 3'	11/02/22
BJ21090-BLK1	Blank	11/02/22
BJ21090-BS1	LCS	11/02/22
BJ21090-BSD1	LCS Dup	11/02/22

Batch ID: BK20128 **Preparation Method:** EPA 5035A **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
22J1305-01	HF-Q2 (4) E @ 3'	11/02/22
22J1305-02	HF-Q2 (4) E @ 7'	11/02/22
22J1305-03	HF-Q2 (4) N @ 6'	11/02/22
22J1305-04	HF-Q2 (4) N @ 10'	11/02/22
22J1305-05	HF-Q2 (4) S @ 6'	11/02/22
22J1305-06	HF-Q2 (4) W @ 3'	11/02/22
22J1305-07	HF-Q2 (4) W @ 6'	11/02/22
22J1305-08	PCE-Q2 W @ 3'	11/02/22
22J1305-09	PCE-Q2 W @ 5'	11/02/22
22J1305-10	PCE-Q2 S @ 3'	11/02/22
22J1305-11	PCE-Q2 N @ 3'	11/02/22
22J1305-12	PCE-Q2 E @ 5'	11/02/22
22J1305-13	PCE-Q2 WN @ 4'	11/02/22
22J1305-14	PCE-Q2 WS @ 2'	11/02/22
22J1305-15	PCE-Q2 WS @ 5'	11/02/22
22J1305-16	PCE-Q2 WW @ 3'	11/02/22
22J1305-17	HF-Q2 (4) S @ 4'	11/02/22
22J1305-18	HF-Q2 (4) W @ 10'	11/02/22
22J1305-19	HF-Q2 (4) N @ 5'	11/02/22
BK20128-BLK1	Blank	11/02/22
BK20128-BS1	LCS	11/02/22
BK20128-BSD1	LCS Dup	11/02/22

Batch ID: BK20221 **Preparation Method:** % Solids Prep **Prepared By:** YR

YORK Sample ID	Client Sample ID	Preparation Date
22J1305-01	HF-Q2 (4) E @ 3'	11/03/22
22J1305-02	HF-Q2 (4) E @ 7'	11/03/22
22J1305-03	HF-Q2 (4) N @ 6'	11/03/22
22J1305-04	HF-Q2 (4) N @ 10'	11/03/22
22J1305-05	HF-Q2 (4) S @ 6'	11/03/22
22J1305-06	HF-Q2 (4) W @ 3'	11/03/22
22J1305-07	HF-Q2 (4) W @ 6'	11/03/22
22J1305-08	PCE-Q2 W @ 3'	11/03/22
22J1305-09	PCE-Q2 W @ 5'	11/03/22

22J1305-10	PCE-Q2 S @ 3'	11/03/22
22J1305-11	PCE-Q2 N @ 3'	11/03/22
22J1305-12	PCE-Q2 E @ 5'	11/03/22
22J1305-13	PCE-Q2 WN @ 4'	11/03/22
22J1305-14	PCE-Q2 WS @ 2'	11/03/22
22J1305-15	PCE-Q2 WS @ 5'	11/03/22
22J1305-16	PCE-Q2 WW @ 3'	11/03/22
22J1305-17	HF-Q2 (4) S @ 4'	11/03/22
22J1305-18	HF-Q2 (4) W @ 10'	11/03/22
22J1305-19	HF-Q2 (4) N @ 5'	11/03/22
BK20221-DUP1	Duplicate	11/03/22

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 BJ21090 - EPA 5035A											
Blank (BJ21090-BLK1)											
Prepared: 11/02/2022 Analyzed: 11/03/2022											
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2-Butanone	ND	5.0	"								
2-Hexanone	ND	5.0	"								
4-Methyl-2-pentanone	ND	5.0	"								
Acetone	ND	10	"								
Acrolein	ND	10	"								
Acrylonitrile	ND	5.0	"								
Benzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon disulfide	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Cyclohexane	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl acetate	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylcyclohexane	ND	5.0	"								

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 BJ21090 - EPA 5035A											
Blank (BJ21090-BLK1)								Prepared: 11/02/2022 Analyzed: 11/03/2022			
Methylene chloride	ND	10	ug/kg wet								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butyl alcohol (TBA)	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
trans-1,4-dichloro-2-butene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*45.5*		*ug/L*	*50.0*		*91.0*	*77-125*				
Surrogate: SURR: Toluene-d8	*46.8*		*"*	*50.0*		*93.6*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.6*		*"*	*50.0*		*103*	*76-130*				
LCS (BJ21090-BS1)								Prepared: 11/02/2022 Analyzed: 11/03/2022			
1,1,1,2-Tetrachloroethane	54		ug/L	50.0		107	75-129				
1,1,1-Trichloroethane	53		"	50.0		106	71-137				
1,1,2,2-Tetrachloroethane	46		"	50.0		91.6	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	55		"	50.0		110	58-146				
1,1,2-Trichloroethane	46		"	50.0		92.5	83-123				
1,1-Dichloroethane	49		"	50.0		98.1	75-130				
1,1-Dichloroethylene	51		"	50.0		102	64-137				
1,2,3-Trichlorobenzene	49		"	50.0		97.4	81-140				
1,2,3-Trichloropropane	46		"	50.0		91.0	81-126				
1,2,4-Trichlorobenzene	48		"	50.0		95.4	80-141				
1,2,4-Trimethylbenzene	44		"	50.0		88.6	84-125				
1,2-Dibromo-3-chloropropane	41		"	50.0		82.0	74-142				
1,2-Dibromoethane	49		"	50.0		98.1	86-123				
1,2-Dichlorobenzene	47		"	50.0		94.4	85-122				
1,2-Dichloroethane	46		"	50.0		91.5	71-133				
1,2-Dichloropropane	45		"	50.0		90.5	81-122				
1,3,5-Trimethylbenzene	43		"	50.0		86.6	82-126				
1,3-Dichlorobenzene	48		"	50.0		96.3	84-124				
1,4-Dichlorobenzene	48		"	50.0		95.2	84-124				
1,4-Dioxane	1000		"	1050		96.5	10-228				
2-Butanone	49		"	50.0		98.0	58-147				
2-Hexanone	38		"	50.0		75.8	70-139				
4-Methyl-2-pentanone	34		"	50.0		68.1	72-132	Low Bias			
Acetone	110		"	50.0		212	36-155	High Bias			
Acrolein	24		"	50.0		47.5	10-238				
Acrylonitrile	46		"	50.0		91.8	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 BJ21090 - EPA 5035A											
LCS (BJ21090-BS1)								Prepared: 11/02/2022 Analyzed: 11/03/2022			
Benzene	53		ug/L	50.0		107	77-127				
Bromochloromethane	47		"	50.0		94.0	74-129				
Bromodichloromethane	44		"	50.0		88.2	81-124				
Bromoform	58		"	50.0		115	80-136				
Bromomethane	37		"	50.0		73.8	32-177				
Carbon disulfide	46		"	50.0		91.1	10-136				
Carbon tetrachloride	58		"	50.0		115	66-143				
Chlorobenzene	50		"	50.0		101	86-120				
Chloroethane	56		"	50.0		112	51-142				
Chloroform	53		"	50.0		105	76-131				
Chloromethane	38		"	50.0		75.1	49-132				
cis-1,2-Dichloroethylene	47		"	50.0		94.1	74-132				
cis-1,3-Dichloropropylene	45		"	50.0		89.9	81-129				
Cyclohexane	48		"	50.0		96.1	70-130				
Dibromochloromethane	52		"	50.0		104	10-200				
Dibromomethane	44		"	50.0		88.2	83-124				
Dichlorodifluoromethane	33		"	50.0		65.4	28-158				
Ethyl Benzene	45		"	50.0		90.4	84-125				
Hexachlorobutadiene	51		"	50.0		102	83-133				
Isopropylbenzene	47		"	50.0		93.2	81-127				
Methyl acetate	45		"	50.0		90.6	41-143				
Methyl tert-butyl ether (MTBE)	45		"	50.0		89.4	74-131				
Methylcyclohexane	41		"	50.0		82.0	70-130				
Methylene chloride	44		"	50.0		88.2	57-141				
n-Butylbenzene	41		"	50.0		81.5	80-130				
n-Propylbenzene	44		"	50.0		87.3	74-136				
o-Xylene	45		"	50.0		89.6	83-123				
p- & m- Xylenes	88		"	100		88.3	82-128				
p-Isopropyltoluene	46		"	50.0		92.6	85-125				
sec-Butylbenzene	46		"	50.0		91.6	83-125				
Styrene	47		"	50.0		93.3	86-126				
tert-Butyl alcohol (TBA)	160		"	250		64.6	70-130	Low Bias			
tert-Butylbenzene	42		"	50.0		84.7	80-127				
Tetrachloroethylene	43		"	50.0		86.0	80-129				
Toluene	45		"	50.0		91.0	85-121				
trans-1,2-Dichloroethylene	45		"	50.0		89.9	72-132				
trans-1,3-Dichloropropylene	44		"	50.0		87.6	78-132				
trans-1,4-dichloro-2-butene	49		"	50.0		97.7	75-135				
Trichloroethylene	45		"	50.0		90.3	84-123				
Trichlorofluoromethane	61		"	50.0		123	62-140				
Vinyl Chloride	42		"	50.0		83.5	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*43.8*		*"*	*50.0*		*87.7*	*77-125*				
Surrogate: SURR: Toluene-d8	*46.9*		*"*	*50.0*		*93.8*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*45.8*		*"*	*50.0*		*91.6*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ21090 - EPA 5035A											
LCS Dup (BJ21090-BSD1)								Prepared: 11/02/2022 Analyzed: 11/03/2022			
1,1,1,2-Tetrachloroethane	57		ug/L	50.0		113	75-129		5.45	30	
1,1,1-Trichloroethane	56		"	50.0		113	71-137		5.76	30	
1,1,2,2-Tetrachloroethane	49		"	50.0		97.3	79-129		5.99	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	49		"	50.0		97.5	58-146		12.1	30	
1,1,2-Trichloroethane	50		"	50.0		100	83-123		7.85	30	
1,1-Dichloroethane	53		"	50.0		106	75-130		7.55	30	
1,1-Dichloroethylene	50		"	50.0		99.1	64-137		3.04	30	
1,2,3-Trichlorobenzene	54		"	50.0		108	81-140		9.93	30	
1,2,3-Trichloropropane	48		"	50.0		96.7	81-126		6.05	30	
1,2,4-Trichlorobenzene	53		"	50.0		107	80-141		11.2	30	
1,2,4-Trimethylbenzene	47		"	50.0		94.6	84-125		6.51	30	
1,2-Dibromo-3-chloropropane	44		"	50.0		88.4	74-142		7.46	30	
1,2-Dibromoethane	53		"	50.0		105	86-123		7.23	30	
1,2-Dichlorobenzene	51		"	50.0		102	85-122		7.48	30	
1,2-Dichloroethane	50		"	50.0		99.1	71-133		7.99	30	
1,2-Dichloropropane	47		"	50.0		94.6	81-122		4.47	30	
1,3,5-Trimethylbenzene	46		"	50.0		92.7	82-126		6.74	30	
1,3-Dichlorobenzene	52		"	50.0		105	84-124		8.53	30	
1,4-Dichlorobenzene	51		"	50.0		103	84-124		7.58	30	
1,4-Dioxane	1100		"	1050		105	10-228		8.61	30	
2-Butanone	56		"	50.0		112	58-147		13.2	30	
2-Hexanone	42		"	50.0		83.2	70-139		9.29	30	
4-Methyl-2-pentanone	37		"	50.0		73.9	72-132		8.09	30	
Acetone	110		"	50.0		222	36-155	High Bias	4.60	30	
Acrolein	24		"	50.0		47.1	10-238		0.888	30	
Acrylonitrile	50		"	50.0		100	66-141		9.03	30	
Benzene	57		"	50.0		114	77-127		6.39	30	
Bromochloromethane	51		"	50.0		101	74-129		7.40	30	
Bromodichloromethane	47		"	50.0		93.1	81-124		5.32	30	
Bromoform	60		"	50.0		121	80-136		4.56	30	
Bromomethane	37		"	50.0		74.5	32-177		0.944	30	
Carbon disulfide	47		"	50.0		94.2	10-136		3.32	30	
Carbon tetrachloride	62		"	50.0		124	66-143		7.63	30	
Chlorobenzene	54		"	50.0		108	86-120		6.71	30	
Chloroethane	56		"	50.0		112	51-142		0.519	30	
Chloroform	56		"	50.0		112	76-131		6.36	30	
Chloromethane	41		"	50.0		81.4	49-132		8.08	30	
cis-1,2-Dichloroethylene	52		"	50.0		104	74-132		9.59	30	
cis-1,3-Dichloropropylene	48		"	50.0		95.9	81-129		6.48	30	
Cyclohexane	51		"	50.0		102	70-130		5.84	30	
Dibromochloromethane	55		"	50.0		110	10-200		5.68	30	
Dibromomethane	47		"	50.0		94.5	83-124		6.94	30	
Dichlorodifluoromethane	34		"	50.0		68.3	28-158		4.31	30	
Ethyl Benzene	48		"	50.0		96.3	84-125		6.34	30	
Hexachlorobutadiene	56		"	50.0		112	83-133		8.93	30	
Isopropylbenzene	49		"	50.0		98.2	81-127		5.24	30	
Methyl acetate	49		"	50.0		98.1	41-143		7.95	30	
Methyl tert-butyl ether (MTBE)	48		"	50.0		95.9	74-131		7.01	30	
Methylcyclohexane	43		"	50.0		86.9	70-130		5.83	30	
Methylene chloride	46		"	50.0		93.0	57-141		5.30	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ21090 - EPA 5035A											
LCS Dup (BJ21090-BSD1)									Prepared: 11/02/2022 Analyzed: 11/03/2022		
n-Butylbenzene	44		ug/L	50.0		87.9	80-130		7.63	30	
n-Propylbenzene	46		"	50.0		92.9	74-136		6.22	30	
o-Xylene	48		"	50.0		95.7	83-123		6.52	30	
p- & m- Xylenes	94		"	100		94.2	82-128		6.45	30	
p-Isopropyltoluene	49		"	50.0		98.3	85-125		5.93	30	
sec-Butylbenzene	48		"	50.0		96.8	83-125		5.48	30	
Styrene	50		"	50.0		100	86-126		7.11	30	
tert-Butyl alcohol (TBA)	730		"	250		292	70-130	High Bias	127	30	Non-dir.
tert-Butylbenzene	45		"	50.0		89.4	80-127		5.42	30	
Tetrachloroethylene	46		"	50.0		91.1	80-129		5.71	30	
Toluene	48		"	50.0		96.1	85-121		5.50	30	
trans-1,2-Dichloroethylene	49		"	50.0		98.8	72-132		9.41	30	
trans-1,3-Dichloropropylene	46		"	50.0		92.7	78-132		5.70	30	
trans-1,4-dichloro-2-butene	44		"	50.0		87.2	75-135		11.4	30	
Trichloroethylene	48		"	50.0		96.2	84-123		6.31	30	
Trichlorofluoromethane	62		"	50.0		124	62-140		1.17	30	
Vinyl Chloride	45		"	50.0		89.1	52-130		6.58	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*44.5*		*"*	*50.0*		*89.1*	*77-125*				
Surrogate: SURR: Toluene-d8	*46.7*		*"*	*50.0*		*93.4*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*45.7*		*"*	*50.0*		*91.4*	*76-130*				
Batch BK20128 - EPA 5035A											
Blank (BK20128-BLK1)									Prepared: 11/02/2022 Analyzed: 11/03/2022		
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2-Butanone	ND	5.0	"								
2-Hexanone	ND	5.0	"								
4-Methyl-2-pentanone	ND	5.0	"								
Acetone	ND	10	"								
Acrolein	ND	10	"								
Acrylonitrile	ND	5.0	"								
Benzene	ND	5.0	"								

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 BK20128 - EPA 5035A											
Blank (BK20128-BLK1)											
Prepared: 11/02/2022 Analyzed: 11/03/2022											
Bromochloromethane	ND	5.0	ug/kg wet								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon disulfide	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Cyclohexane	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl acetate	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylcyclohexane	ND	5.0	"								
Methylene chloride	ND	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butyl alcohol (TBA)	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
trans-1,4-dichloro-2-butene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.1*		*ug/L*	*50.0*		*100*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.3*		*"*	*50.0*		*101*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*53.8*		*"*	*50.0*		*108*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK20128 - EPA 5035A											
LCS (BK20128-BS1)								Prepared: 11/02/2022 Analyzed: 11/03/2022			
1,1,1,2-Tetrachloroethane	47		ug/L	50.0		93.6	75-129				
1,1,1-Trichloroethane	47		"	50.0		94.0	71-137				
1,1,2,2-Tetrachloroethane	49		"	50.0		97.1	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50		"	50.0		99.3	58-146				
1,1,2-Trichloroethane	47		"	50.0		93.6	83-123				
1,1-Dichloroethane	48		"	50.0		95.8	75-130				
1,1-Dichloroethylene	49		"	50.0		98.3	64-137				
1,2,3-Trichlorobenzene	43		"	50.0		86.2	81-140				
1,2,3-Trichloropropane	49		"	50.0		97.9	81-126				
1,2,4-Trichlorobenzene	42		"	50.0		84.4	80-141				
1,2,4-Trimethylbenzene	46		"	50.0		91.2	84-125				
1,2-Dibromo-3-chloropropane	49		"	50.0		98.4	74-142				
1,2-Dibromoethane	49		"	50.0		98.0	86-123				
1,2-Dichlorobenzene	46		"	50.0		91.1	85-122				
1,2-Dichloroethane	47		"	50.0		94.2	71-133				
1,2-Dichloropropane	50		"	50.0		99.6	81-122				
1,3,5-Trimethylbenzene	45		"	50.0		90.7	82-126				
1,3-Dichlorobenzene	45		"	50.0		90.1	84-124				
1,4-Dichlorobenzene	44		"	50.0		88.4	84-124				
1,4-Dioxane	1000		"	1050		94.9	10-228				
2-Butanone	46		"	50.0		92.4	58-147				
2-Hexanone	47		"	50.0		93.7	70-139				
4-Methyl-2-pentanone	48		"	50.0		95.0	72-132				
Acetone	110		"	50.0		225	36-155	High Bias			
Acrolein	23		"	50.0		46.7	10-238				
Acrylonitrile	48		"	50.0		96.5	66-141				
Benzene	48		"	50.0		95.5	77-127				
Bromochloromethane	47		"	50.0		93.3	74-129				
Bromodichloromethane	47		"	50.0		94.2	81-124				
Bromoform	43		"	50.0		86.1	80-136				
Bromomethane	56		"	50.0		112	32-177				
Carbon disulfide	51		"	50.0		102	10-136				
Carbon tetrachloride	46		"	50.0		93.0	66-143				
Chlorobenzene	48		"	50.0		96.6	86-120				
Chloroethane	54		"	50.0		108	51-142				
Chloroform	47		"	50.0		94.1	76-131				
Chloromethane	48		"	50.0		95.9	49-132				
cis-1,2-Dichloroethylene	48		"	50.0		95.3	74-132				
cis-1,3-Dichloropropylene	47		"	50.0		93.8	81-129				
Cyclohexane	45		"	50.0		89.6	70-130				
Dibromochloromethane	48		"	50.0		95.3	10-200				
Dibromomethane	47		"	50.0		94.4	83-124				
Dichlorodifluoromethane	56		"	50.0		113	28-158				
Ethyl Benzene	46		"	50.0		92.9	84-125				
Hexachlorobutadiene	44		"	50.0		87.4	83-133				
Isopropylbenzene	47		"	50.0		94.7	81-127				
Methyl acetate	41		"	50.0		82.6	41-143				
Methyl tert-butyl ether (MTBE)	48		"	50.0		95.3	74-131				
Methylcyclohexane	45		"	50.0		90.6	70-130				
Methylene chloride	48		"	50.0		96.6	57-141				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK20128 - EPA 5035A											
LCS (BK20128-BS1)								Prepared: 11/02/2022 Analyzed: 11/03/2022			
n-Butylbenzene	45		ug/L	50.0		89.8	80-130				
n-Propylbenzene	46		"	50.0		92.9	74-136				
o-Xylene	47		"	50.0		94.1	83-123				
p- & m- Xylenes	94		"	100		94.0	82-128				
p-Isopropyltoluene	47		"	50.0		93.6	85-125				
sec-Butylbenzene	47		"	50.0		93.5	83-125				
Styrene	46		"	50.0		92.8	86-126				
tert-Butyl alcohol (TBA)	220		"	250		87.0	70-130				
tert-Butylbenzene	47		"	50.0		93.8	80-127				
Tetrachloroethylene	40		"	50.0		80.6	80-129				
Toluene	46		"	50.0		92.3	85-121				
trans-1,2-Dichloroethylene	49		"	50.0		97.0	72-132				
trans-1,3-Dichloropropylene	46		"	50.0		92.5	78-132				
trans-1,4-dichloro-2-butene	46		"	50.0		93.0	75-135				
Trichloroethylene	47		"	50.0		94.3	84-123				
Trichlorofluoromethane	52		"	50.0		103	62-140				
Vinyl Chloride	52		"	50.0		105	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.8*		*"*	*50.0*		*99.5*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.1*		*"*	*50.0*		*100*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.8*		*"*	*50.0*		*102*	*76-130*				
LCS Dup (BK20128-BSD1)								Prepared: 11/02/2022 Analyzed: 11/03/2022			
1,1,1,2-Tetrachloroethane	46		ug/L	50.0		92.1	75-129		1.61	30	
1,1,1-Trichloroethane	46		"	50.0		92.8	71-137		1.28	30	
1,1,2,2-Tetrachloroethane	47		"	50.0		94.0	79-129		3.22	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	51		"	50.0		102	58-146		2.43	30	
1,1,2-Trichloroethane	46		"	50.0		91.2	83-123		2.62	30	
1,1-Dichloroethane	48		"	50.0		95.6	75-130		0.188	30	
1,1-Dichloroethylene	51		"	50.0		102	64-137		3.75	30	
1,2,3-Trichlorobenzene	42		"	50.0		85.0	81-140		1.38	30	
1,2,3-Trichloropropane	46		"	50.0		91.9	81-126		6.30	30	
1,2,4-Trichlorobenzene	43		"	50.0		85.7	80-141		1.48	30	
1,2,4-Trimethylbenzene	46		"	50.0		91.4	84-125		0.263	30	
1,2-Dibromo-3-chloropropane	48		"	50.0		96.8	74-142		1.68	30	
1,2-Dibromoethane	48		"	50.0		96.2	86-123		1.87	30	
1,2-Dichlorobenzene	46		"	50.0		91.0	85-122		0.110	30	
1,2-Dichloroethane	47		"	50.0		93.0	71-133		1.24	30	
1,2-Dichloropropane	50		"	50.0		99.5	81-122		0.121	30	
1,3,5-Trimethylbenzene	45		"	50.0		90.7	82-126		0.0441	30	
1,3-Dichlorobenzene	45		"	50.0		89.7	84-124		0.489	30	
1,4-Dichlorobenzene	44		"	50.0		89.0	84-124		0.654	30	
1,4-Dioxane	960		"	1050		91.1	10-228		4.04	30	
2-Butanone	44		"	50.0		87.9	58-147		4.92	30	
2-Hexanone	45		"	50.0		90.6	70-139		3.34	30	
4-Methyl-2-pentanone	46		"	50.0		92.8	72-132		2.36	30	
Acetone	110		"	50.0		216	36-155	High Bias	4.13	30	
Acrolein	22		"	50.0		43.8	10-238		6.54	30	
Acrylonitrile	45		"	50.0		90.5	66-141		6.33	30	
Benzene	48		"	50.0		95.8	77-127		0.293	30	
Bromochloromethane	47		"	50.0		93.9	74-129		0.684	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK20128 - EPA 5035A											
LCS Dup (BK20128-BSD1)									Prepared: 11/02/2022 Analyzed: 11/03/2022		
Bromodichloromethane	47		ug/L	50.0		93.4	81-124		0.917	30	
Bromoform	42		"	50.0		84.3	80-136		2.11	30	
Bromomethane	55		"	50.0		111	32-177		0.774	30	
Carbon disulfide	51		"	50.0		103	10-136		0.332	30	
Carbon tetrachloride	47		"	50.0		94.1	66-143		1.15	30	
Chlorobenzene	48		"	50.0		96.8	86-120		0.248	30	
Chloroethane	57		"	50.0		114	51-142		5.05	30	
Chloroform	47		"	50.0		94.1	76-131		0.0425	30	
Chloromethane	49		"	50.0		97.5	49-132		1.63	30	
cis-1,2-Dichloroethylene	48		"	50.0		95.0	74-132		0.252	30	
cis-1,3-Dichloropropylene	47		"	50.0		93.7	81-129		0.128	30	
Cyclohexane	45		"	50.0		90.2	70-130		0.645	30	
Dibromochloromethane	47		"	50.0		94.3	10-200		1.05	30	
Dibromomethane	48		"	50.0		95.5	83-124		1.18	30	
Dichlorodifluoromethane	57		"	50.0		113	28-158		0.690	30	
Ethyl Benzene	47		"	50.0		93.9	84-125		1.01	30	
Hexachlorobutadiene	43		"	50.0		85.9	83-133		1.82	30	
Isopropylbenzene	47		"	50.0		94.6	81-127		0.106	30	
Methyl acetate	40		"	50.0		80.2	41-143		2.92	30	
Methyl tert-butyl ether (MTBE)	47		"	50.0		94.2	74-131		1.16	30	
Methylcyclohexane	46		"	50.0		91.9	70-130		1.49	30	
Methylene chloride	47		"	50.0		94.8	57-141		1.82	30	
n-Butylbenzene	45		"	50.0		90.1	80-130		0.333	30	
n-Propylbenzene	47		"	50.0		93.2	74-136		0.322	30	
o-Xylene	47		"	50.0		94.5	83-123		0.424	30	
p- & m- Xylenes	95		"	100		95.2	82-128		1.36	30	
p-Isopropyltoluene	46		"	50.0		93.0	85-125		0.622	30	
sec-Butylbenzene	47		"	50.0		93.6	83-125		0.128	30	
Styrene	47		"	50.0		93.2	86-126		0.409	30	
tert-Butyl alcohol (TBA)	220		"	250		88.1	70-130		1.29	30	
tert-Butylbenzene	46		"	50.0		92.5	80-127		1.37	30	
Tetrachloroethylene	42		"	50.0		83.4	80-129		3.44	30	
Toluene	46		"	50.0		92.9	85-121		0.713	30	
trans-1,2-Dichloroethylene	49		"	50.0		98.1	72-132		1.13	30	
trans-1,3-Dichloropropylene	46		"	50.0		93.0	78-132		0.518	30	
trans-1,4-dichloro-2-butene	45		"	50.0		90.6	75-135		2.66	30	
Trichloroethylene	48		"	50.0		96.0	84-123		1.81	30	
Trichlorofluoromethane	52		"	50.0		104	62-140		0.772	30	
Vinyl Chloride	53		"	50.0		107	52-130		1.76	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.7*		*"*	*50.0*		*99.3*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.5*		*"*	*50.0*		*101*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.7*		*"*	*50.0*		*101*	*76-130*				

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 BK20221 - % Solids Prep											
Duplicate (BK20221-DUP1)	*Source sample: 22J1305-11 (PCE-Q2 N @ 3')								Prepared & Analyzed: 11/03/2022		
% Solids	88.4	0.100	%		90.0				1.82	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
22J1305-01	HF-Q2 (4) E @ 3'	40mL Vial with Stir Bar-Cool 4° C
22J1305-02	HF-Q2 (4) E @ 7'	40mL Vial with Stir Bar-Cool 4° C
22J1305-03	HF-Q2 (4) N @ 6'	40mL Vial with Stir Bar-Cool 4° C
22J1305-04	HF-Q2 (4) N @ 10'	40mL Vial with Stir Bar-Cool 4° C
22J1305-05	HF-Q2 (4) S @ 6'	40mL Vial with Stir Bar-Cool 4° C
22J1305-06	HF-Q2 (4) W @ 3'	40mL Vial with Stir Bar-Cool 4° C
22J1305-07	HF-Q2 (4) W @ 6'	40mL Vial with Stir Bar-Cool 4° C
22J1305-08	PCE-Q2 W @ 3'	40mL Vial with Stir Bar-Cool 4° C
22J1305-09	PCE-Q2 W @ 5'	40mL Vial with Stir Bar-Cool 4° C
22J1305-10	PCE-Q2 S @ 3'	40mL Vial with Stir Bar-Cool 4° C
22J1305-11	PCE-Q2 N @ 3'	40mL Vial with Stir Bar-Cool 4° C
22J1305-12	PCE-Q2 E @ 5'	40mL Vial with Stir Bar-Cool 4° C
22J1305-13	PCE-Q2 WN @ 4'	40mL Vial with Stir Bar-Cool 4° C
22J1305-14	PCE-Q2 WS @ 2'	40mL Vial with Stir Bar-Cool 4° C
22J1305-15	PCE-Q2 WS @ 5'	40mL Vial with Stir Bar-Cool 4° C
22J1305-16	PCE-Q2 WW @ 3'	40mL Vial with Stir Bar-Cool 4° C
22J1305-17	HF-Q2 (4) S @ 4'	40mL Vial with Stir Bar-Cool 4° C
22J1305-18	HF-Q2 (4) W @ 10'	40mL Vial with Stir Bar-Cool 4° C
22J1305-19	HF-Q2 (4) N @ 5'	40mL Vial with Stir Bar-Cool 4° C

Sample and Data Qualifiers Relating to This Work Order

VOA-E	The concentration reported for this analyte is an estimated value above the linear range of the instrument for EPA SW846-5035/8260 (>200ppb). Re-analysis using 5035/8260 medium level prep. resulted in a detection below the reporting limit (<500ppb).
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.
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.
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.
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.

Corrective Action: Lab did not receive a methanol vial for samples 13 and 15.

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. 22J1305

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | clientservices@yorklab.com | www.yorklab.com | 800-306-YORK | 800-306-9675

YOUR Information	Report To:	Invoice To:
Company: Laurel Environmental	Company:	Company:
Address: 53 W. Hills Rd, Huntington Sta., NY	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: 19-401.9

YOUR Project Name: 27-09 40th Avenue, LIC, NY

YOUR PO#: 19

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- Standard (5-7 Day) X

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

Samples Collected by: (print AND sign your name) Jamie Burgher

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

Samples From: New York X; New Jersey; Connecticut; Pennsylvania; Other:

Report / EDD Type (circle selections): Summary Report; QA Report; NY ASP A Package; NY ASP B Package; CT RCP; CT RCP DQA/DUE; NJDEP Reduced Deliverables; NJDKQP; Standard Excel EDD; EQuIS (Standard); NYSDEC EQuIS; NJDEP SRP HazSite; Other:

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
HF-Q2 (4) E @ 3'	S	10/25/22 0845	8260 Full	(4) 40mL
HF-Q2 (4) E @ 7'		0900		
HF-Q2 (4) N @ 6'		0950		
HF-Q2 (4) N @ 10'		1020		
HF-Q2 (4) S @ 6'		1025		
HF-Q2 (4) W @ 3' JB		1035		
HF-Q2 (4) W @ ~~5~~ 6'				
PCE-Q2 W @ JB ~~4~~ 3'				
PCE-Q2 W @ 5'				
PCE-Q2 S @ 3'				

Comments:

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

Preservation: (check all that apply) HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction: Field Filtered; Lab to Filter

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
	10/26/22 0900	KBakyork	10/26/22 1055AM	KBakyork	10/26/22 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	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
					10/26/22 1630 / 2.2 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.

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | clientservices@yorklab.com | www.yorklab.com | 800-306-YORK | 800-306-9675

YORK Project No. 22J1305

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Laurel Environmental	Company: Scott	Company: Kathy	19-401.9	RUSH - Next Day
Address: 53. W. Hills Rd, Huntington Sta. NY	Address:	Address:	YOUR Project Name: 27-09 40th Avenue, LIC, NY	RUSH - Two Day
Phone: (631) 673-0612	Phone:	Phone:		RUSH - Three Day
Contact: Scott Yanuck	Contact:	Contact:		RUSH - Four Day
E-mail: Labresults@laurelenv.com	E-mail:	E-mail:	YOUR PO#:	Standard (5-7 Day) X

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

Samples Collected by: (print AND sign your name) Jamie Burgher

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

Samples From: New York X; New Jersey; Connecticut; Pennsylvania; Other:

Report / EDD Type (circle selections): Summary Report; QA Report; NY ASP A Package; NY ASP B Package; CT RCP; CT RCP DQA/DUE; NJDEP Reduced Deliverables; NJDKQP; Standard Excel EDD; EQuIS (Standard); NYSDEC EQuIS; NJDEP SRP HazSite; Other:

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
PCE-Q2 N @ 3'	S	10/25/22 1105	8260 Full	(4) 40mL
PCE-Q2 E @ 5'		1125		
PCE-Q2 WN @ 4'		1130		
PCE-Q2 WS @ 2'		1140		
PCE-Q2 WS @ 5'		↓		
PCE-Q2 WW @ 3'		1155		
HF-Q2(4) S @ 4'				
HF-Q2(4) W @ 10'				
HF-Q2(4) N @ 5'				

Comments:

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

Preservation: (check all that apply) HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction: Field Filtered; Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
	10/26/22 0900	KBarkyork	10/26/22 1055 AM	Barkyork	10/26/22 1630
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
				BS	10/26/22 1630 / 2.2 Degrees C

APPENDIX C

Additional Waste Characterization Laboratory Data Packages

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

Laboratory Report

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

LIAL# 2121229

December 15, 2022

Laurel Environmental
Scott Yanuck
53 West Hills Road
Huntington Station, NY 11746

Re: 27-09 40th Ave LIC

Dear Scott Yanuck,

Enclosed please find the laboratory Analysis Report(s) for sample(s) received on December 12, 2022. Long Island Analytical laboratories analyzed the samples on December 15, 2022 for the following:

SAMPLE ID	ANALYSIS
Stockpile 1	EPA 8082 A, EPH 8015 D, RIC, TCLP (8) Metals, TCLP Beryllium, TCLP Herbicide, TCLP Pesticides, TCLP Semi-Volatile, TCLP Volatiles
Stockpile 2	EPA 8082 A, EPH 8015 D, RIC, TCLP (8) Metals, TCLP Beryllium, TCLP Herbicide, TCLP Pesticides, TCLP Semi-Volatile, TCLP Volatiles
Grid 5 10' Bgs	EPA 8260 D
Grid 4/5 3' Bgs	EPA 8260 D

Samples received at 1.9 ° C

1.C Holding time exceeded, analyze immediate parameter.

If you have any questions or require further information, please call at your convenience. Long Island Analytical Laboratories Inc. is a NELAP accredited laboratory. All reported results meet the requirements of the NELAP standards unless noted. Report shall not be reproduced except in full without the written approval of the laboratory. Results related only to items tested. Long Island Analytical Laboratories would like to thank you for the opportunity to be of service to you.

Best Regards,



Long Island Analytical Laboratories, Inc.

Michael Veraldi - Laboratory Director

Client: Laurel Environmental	Client ID: 27-09 40th Ave LIC
Date (Time) Collected: 12/12/2022 07:30	Sample ID: Stockpile 1
Date (Time) Received: 12/12/2022 16:42	Laboratory ID: 2121229-01 % Solid:96.76
Matrix: Soil	ELAP: #11693

PCB/Aroclor Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
Aroclor-1016	12674-11-2	51.7	<51.7	ug/kg dry	
Aroclor-1221	11104-28-2	51.7	<51.7	ug/kg dry	
Aroclor-1232	11141-16-5	51.7	<51.7	ug/kg dry	
Aroclor-1242	53469-21-9	51.7	<51.7	ug/kg dry	
Aroclor-1248	12672-29-6	51.7	<51.7	ug/kg dry	
Aroclor-1254	11097-69-1	51.7	<51.7	ug/kg dry	
Aroclor-1260	11096-82-5	51.7	<51.7	ug/kg dry	
Aroclor-1262	37324-23-5	51.7	<51.7	ug/kg dry	
Aroclor-1268	11100-14-4	51.7	<51.7	ug/kg dry	

Date Prepared: 12/15/2022

Preparation Method: EPA 3545 A

Date Analyzed: 12/15/2022

Analytical Method: EPA 8082 A

Client: Laurel Environmental	Client ID: 27-09 40th Ave LIC
Date (Time) Collected: 12/12/2022 07:30	Sample ID: Stockpile 1
Date (Time) Received: 12/12/2022 16:42	Laboratory ID: 2121229-01 % Solid:96.76
Matrix: Soil	ELAP: #11693

Volatiles by EPA1311 ZHE TCLP Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,1-Dichloroethene	75-35-4	5.00	<5.00	ug/L	4.J
1,2-Dichloroethane	107-06-2	5.00	<5.00	ug/L	
1,4-Dichlorobenzene	106-46-7	5.00	<5.00	ug/L	
Benzene	71-43-2	0.700	<0.700	ug/L	
Carbon Tetrachloride	56-23-5	5.00	<5.00	ug/L	
Chlorobenzene	108-90-7	5.00	<5.00	ug/L	
Chloroform	67-66-3	5.00	<5.00	ug/L	
Methyl Ethyl Ketone (2-Butanone)	78-93-3	10.0	<10.0	ug/L	
Tetrachloroethene	127-18-4	5.00	<5.00	ug/L	
Trichloroethene	79-01-6	5.00	<5.00	ug/L	
Vinyl chloride	75-01-4	5.00	<5.00	ug/L	4.J

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
1,2-Dichloroethane-d4	10706-07-0	89	90.7-121	4.D
4-Bromofluorobenzene	460-00-4	104	89.4-122	
Dibromofluoromethane	1868-53-7	100	74.4-131	
Toluene-d8	2037-26-5	95	92.7-114	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	85	50-200	
1,4-Difluorobenzene	540-36-3	97	50-200	
Chlorobenzene-d5	3114-55-4	98	50-200	
Pentafluorobenzene	363-72-4	97	50-200	

Date Prepared: 12/13/2022

Preparation Method: EPA 5030 C

Date Analyzed: 12/13/2022

Analytical Method: EPA 8260 D

Client: Laurel Environmental	Client ID: 27-09 40th Ave LIC
Date (Time) Collected: 12/12/2022 07:30	Sample ID: Stockpile 1
Date (Time) Received: 12/12/2022 16:42	Laboratory ID: 2121229-01 % Solid:96.76
Matrix: Soil	ELAP: #11693

Semi-Volatiles by EPA 1311 TCLP Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
2,4,5-Trichlorophenol	95-95-4	250	<250	ug/L	
2,4,6-Trichlorophenol	88-06-2	250	<250	ug/L	
2,4-Dinitrotoluene	121-14-2	250	<250	ug/L	
2-Methylphenol	95-48-7	250	<250	ug/L	
3/4-Methylphenol	108-39-4/106-44-5	250	<250	ug/L	
Hexachlorobenzene	118-74-1	250	<250	ug/L	
Hexachlorobutadiene	87-68-3	250	<250	ug/L	
Hexachloroethane	67-72-1	250	<250	ug/L	
Nitrobenzene	98-95-3	250	<250	ug/L	
Pentachlorophenol	87-86-5	250	<250	ug/L	
Pyridine	110-86-1	250	<250	ug/L	

Date Leached: 12/12/2022 Leach Batch: B251030 Leach Method: EPA 1311 Fluid #1
Date Prepared: 12/14/2022 Preparation Method: EPA 3510 C
Date Analyzed: 12/15/2022 Analytical Method: EPA 8270 E

Client: Laurel Environmental	Client ID: 27-09 40th Ave LIC
Date (Time) Collected: 12/12/2022 07:30	Sample ID: Stockpile 1
Date (Time) Received: 12/12/2022 16:42	Laboratory ID: 2121229-01 % Solid:96.76
Matrix: Soil	ELAP: #11693

Pesticide by EPA 1311 TCLP Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
Chlordane	12789-03-6	3.00	<3.00	ug/L	
Endrin	72-20-8	5.00	<5.00	ug/L	
gamma-BHC	58-89-9	5.00	<5.00	ug/L	
Heptachlor	76-44-8	5.00	<5.00	ug/L	
Heptachlor Epoxide	1024-57-3	5.00	<5.00	ug/L	
Methoxychlor	72-43-5	5.00	<5.00	ug/L	
Toxaphene	8001-35-2	50.0	<50.0	ug/L	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Decachlorobiphenyl	2051-24-3	120	57.4-130	
Tetrachloro-m-xylene	877-09-8	72	51.9-129	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1-Bromo-2-Nitrobenzene	108-31-6	109	50-200	

Date Leached: 12/12/2022 Leach Batch: B251030 Leach Method: EPA 1311 Fluid #1
Date Prepared: 12/13/2022 Preparation Method: EPA 3510 C
Date Analyzed: 12/14/2022 Analytical Method: EPA 8081 B

Client: Laurel Environmental	Client ID: 27-09 40th Ave LIC	
Date (Time) Collected: 12/12/2022 07:30	Sample ID: Stockpile 1	
Date (Time) Received: 12/12/2022 16:42	Laboratory ID: 2121229-01	% Solid:96.76
Matrix: Soil	ELAP: #11693	

Herbicide by EPA 1311 TCLP Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
2,4,5-TP (Silvex)	93-72-1	5.00	<5.00	ug/L	
2,4-D	94-75-7	5.00	<5.00	ug/L	

Date Leached: 12/12/2022 Leach Batch: B251030 Leach Method: EPA 1311 Fluid #1
Date Prepared: 12/14/2022 Preparation Method: EPA 3510 C
Date Analyzed: 12/15/2022 Analytical Method: EPA 8151 A

Client: Laurel Environmental	Client ID: 27-09 40th Ave LIC
Date (Time) Collected: 12/12/2022 07:30	Sample ID: Stockpile 1
Date (Time) Received: 12/12/2022 16:42	Laboratory ID: 2121229-01 % Solid:96.76
Matrix: Soil	ELAP: #11693

Metals by EPA 1311 TCLP Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	12/13/2022	EPA 6010 D	0.05	<0.05	mg/L	
Barium	12/13/2022	EPA 6010 D	1.00	<1.00	mg/L	
Beryllium	12/13/2022	EPA 6010 D	0.02	<0.02	mg/L	
Cadmium	12/13/2022	EPA 6010 D	0.05	<0.05	mg/L	
Chromium	12/13/2022	EPA 6010 D	0.05	<0.05	mg/L	
Lead	12/13/2022	EPA 6010 D	0.05	0.05	mg/L	
Selenium	12/13/2022	EPA 6010 D	0.05	<0.05	mg/L	4.M, 4.S
Silver	12/13/2022	EPA 6010 D	0.05	<0.05	mg/L	

Date Leached: 12/12/2022 Leach Batch: B251030 Leach Method: EPA 1311 Fluid #1
Date Prepared: 12/13/2022 Preparation Method: EPA 3010A

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Mercury	12/13/2022	EPA 7471 B	0.02	<0.02	mg/L	

Date Leached: 12/12/2022 Leach Batch: B251030 Leach Method: EPA 1311 Fluid #1
Date Prepared: 12/13/2022 Preparation Method: EPA 7471 B

Client: Laurel Environmental	Client ID: 27-09 40th Ave LIC
Date (Time) Collected: 12/12/2022 07:30	Sample ID: Stockpile 1
Date (Time) Received: 12/12/2022 16:42	Laboratory ID: 2121229-01 % Solid:96.76
Matrix: Soil	ELAP: #11693

Extractable Petroleum Hydrocarbons

Parameter	CAS No.	LOQ	Result	Units	Flag
Extractable Petroleum Hydrocarbons	8006-61-9/68334-30-5	129	<129	mg/kg dry	

Date Prepared: 12/14/2022 Preparation Method: [CALC]

Date Analyzed: 12/15/2022 Analytical Method: EPA 8015 C

Parameter	CAS No.	LOQ	Result	Units	Flag
Diesel Range Organics (C10-C28)	68334-30-5	103	<103	mg/kg dry	

Date Prepared: 12/14/2022 Preparation Method: EPA 3545 A

Date Analyzed: 12/15/2022 Analytical Method: EPA 8015 D DRO

Parameter	CAS No.	LOQ	Result	Units	Flag
Gasoline Range Organics(C6-C10)	8006-61-9	25.8	<25.8	mg/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Naphthalene-d8	1146-65-2	107	20.7-168	

Date Prepared: 12/14/2022 Preparation Method: EPA 5035 A

Date Analyzed: 12/14/2022 Analytical Method: EPA 8015 D GRO

Client: Laurel Environmental	Client ID: 27-09 40th Ave LIC
Date (Time) Collected: 12/12/2022 07:30	Sample ID: Stockpile 1
Date (Time) Received: 12/12/2022 16:42	Laboratory ID: 2121229-01 % Solid:96.76
Matrix: Soil	ELAP: #11693

General Chemistry Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Flashpoint	12/14/2022 11:37	ASTM D93 - IP 34	75.0	>140	°F	

Date Prepared: 12/14/2022 Preparation Method: Pensky-Martens Closed Cu

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Corrosivity (pH)	12/13/2022 17:30	EPA 9045D	NA	7.30	units	1.C
Temperature @ pH in C	12/13/2022 17:30	EPA 9045D	NA	19.70	units	1.C

Date Prepared: 12/13/2022 Preparation Method: No Preparation

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Reactive Cyanide	12/14/2022 11:55	SW-846 Ch7 Sec. 7.3	5.17	<5.17	mg/kg dry	
Reactive Sulfide	12/14/2022 11:55	SW-846 Ch7 Sec. 7.3	2.07	<2.07	mg/kg dry	

Date Prepared: 12/14/2022 Preparation Method: Distillation Reactivity

Client: Laurel Environmental	Client ID: 27-09 40th Ave LIC
Date (Time) Collected: 12/12/2022 07:45	Sample ID: Stockpile 2
Date (Time) Received: 12/12/2022 16:42	Laboratory ID: 2121229-02 % Solid:94.96
Matrix: Soil	ELAP: #11693

PCB/Aroclor Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
Aroclor-1016	12674-11-2	52.7	<52.7	ug/kg dry	
Aroclor-1221	11104-28-2	52.7	<52.7	ug/kg dry	
Aroclor-1232	11141-16-5	52.7	<52.7	ug/kg dry	
Aroclor-1242	53469-21-9	52.7	<52.7	ug/kg dry	
Aroclor-1248	12672-29-6	52.7	<52.7	ug/kg dry	
Aroclor-1254	11097-69-1	52.7	<52.7	ug/kg dry	
Aroclor-1260	11096-82-5	52.7	<52.7	ug/kg dry	
Aroclor-1262	37324-23-5	52.7	<52.7	ug/kg dry	
Aroclor-1268	11100-14-4	52.7	<52.7	ug/kg dry	

Date Prepared: 12/15/2022

Preparation Method: EPA 3545 A

Date Analyzed: 12/15/2022

Analytical Method: EPA 8082 A

Client: Laurel Environmental	Client ID: 27-09 40th Ave LIC
Date (Time) Collected: 12/12/2022 07:45	Sample ID: Stockpile 2
Date (Time) Received: 12/12/2022 16:42	Laboratory ID: 2121229-02 % Solid:94.96
Matrix: Soil	ELAP: #11693

Volatiles by EPA1311 ZHE TCLP Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,1-Dichloroethene	75-35-4	5.00	<5.00	ug/L	4.J
1,2-Dichloroethane	107-06-2	5.00	<5.00	ug/L	
1,4-Dichlorobenzene	106-46-7	5.00	<5.00	ug/L	
Benzene	71-43-2	0.700	<0.700	ug/L	
Carbon Tetrachloride	56-23-5	5.00	<5.00	ug/L	
Chlorobenzene	108-90-7	5.00	<5.00	ug/L	
Chloroform	67-66-3	5.00	<5.00	ug/L	
Methyl Ethyl Ketone (2-Butanone)	78-93-3	10.0	<10.0	ug/L	
Tetrachloroethene	127-18-4	5.00	34.1	ug/L	
Trichloroethene	79-01-6	5.00	<5.00	ug/L	
Vinyl chloride	75-01-4	5.00	<5.00	ug/L	4.J

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
1,2-Dichloroethane-d4	10706-07-0	90	90.7-121	4.D
4-Bromofluorobenzene	460-00-4	103	89.4-122	
Dibromofluoromethane	1868-53-7	97	74.4-131	
Toluene-d8	2037-26-5	95	92.7-114	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	89	50-200	
1,4-Difluorobenzene	540-36-3	98	50-200	
Chlorobenzene-d5	3114-55-4	101	50-200	
Pentafluorobenzene	363-72-4	102	50-200	

Date Prepared: 12/13/2022

Preparation Method: EPA 5030 C

Date Analyzed: 12/13/2022

Analytical Method: EPA 8260 D

Client: Laurel Environmental	Client ID: 27-09 40th Ave LIC
Date (Time) Collected: 12/12/2022 07:45	Sample ID: Stockpile 2
Date (Time) Received: 12/12/2022 16:42	Laboratory ID: 2121229-02 % Solid:94.96
Matrix: Soil	ELAP: #11693

Semi-Volatiles by EPA 1311 TCLP Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
2,4,5-Trichlorophenol	95-95-4	250	<250	ug/L	
2,4,6-Trichlorophenol	88-06-2	250	<250	ug/L	
2,4-Dinitrotoluene	121-14-2	250	<250	ug/L	
2-Methylphenol	95-48-7	250	<250	ug/L	
3/4-Methylphenol	108-39-4/106-44-5	250	<250	ug/L	
Hexachlorobenzene	118-74-1	250	<250	ug/L	
Hexachlorobutadiene	87-68-3	250	<250	ug/L	
Hexachloroethane	67-72-1	250	<250	ug/L	
Nitrobenzene	98-95-3	250	<250	ug/L	
Pentachlorophenol	87-86-5	250	<250	ug/L	
Pyridine	110-86-1	250	<250	ug/L	

Date Leached: 12/12/2022 Leach Batch: B251030 Leach Method: EPA 1311 Fluid #1
Date Prepared: 12/14/2022 Preparation Method: EPA 3510 C
Date Analyzed: 12/15/2022 Analytical Method: EPA 8270 E

Client: Laurel Environmental	Client ID: 27-09 40th Ave LIC
Date (Time) Collected: 12/12/2022 07:45	Sample ID: Stockpile 2
Date (Time) Received: 12/12/2022 16:42	Laboratory ID: 2121229-02 % Solid:94.96
Matrix: Soil	ELAP: #11693

Pesticide by EPA 1311 TCLP Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
Chlordane	12789-03-6	3.00	<3.00	ug/L	
Endrin	72-20-8	5.00	<5.00	ug/L	
gamma-BHC	58-89-9	5.00	<5.00	ug/L	
Heptachlor	76-44-8	5.00	<5.00	ug/L	
Heptachlor Epoxide	1024-57-3	5.00	<5.00	ug/L	
Methoxychlor	72-43-5	5.00	<5.00	ug/L	
Toxaphene	8001-35-2	50.0	<50.0	ug/L	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Decachlorobiphenyl	2051-24-3	129	57.4-130	
Tetrachloro-m-xylene	877-09-8	81	51.9-129	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1-Bromo-2-Nitrobenzene	108-31-6	108	50-200	

Date Leached: 12/12/2022 Leach Batch: B251030 Leach Method: EPA 1311 Fluid #1
Date Prepared: 12/13/2022 Preparation Method: EPA 3510 C
Date Analyzed: 12/14/2022 Analytical Method: EPA 8081 B

Client: Laurel Environmental	Client ID: 27-09 40th Ave LIC
Date (Time) Collected: 12/12/2022 07:45	Sample ID: Stockpile 2
Date (Time) Received: 12/12/2022 16:42	Laboratory ID: 2121229-02 % Solid:94.96
Matrix: Soil	ELAP: #11693

Herbicide by EPA 1311 TCLP Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
2,4,5-TP (Silvex)	93-72-1	5.00	<5.00	ug/L	
2,4-D	94-75-7	5.00	<5.00	ug/L	

Date Leached: 12/12/2022 Leach Batch: B251030 Leach Method: EPA 1311 Fluid #1
Date Prepared: 12/14/2022 Preparation Method: EPA 3510 C
Date Analyzed: 12/15/2022 Analytical Method: EPA 8151 A

Client: Laurel Environmental	Client ID: 27-09 40th Ave LIC
Date (Time) Collected: 12/12/2022 07:45	Sample ID: Stockpile 2
Date (Time) Received: 12/12/2022 16:42	Laboratory ID: 2121229-02 % Solid:94.96
Matrix: Soil	ELAP: #11693

Metals by EPA 1311 TCLP Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	12/13/2022	EPA 6010 D	0.05	<0.05	mg/L	
Barium	12/13/2022	EPA 6010 D	1.00	<1.00	mg/L	
Beryllium	12/13/2022	EPA 6010 D	0.02	<0.02	mg/L	
Cadmium	12/13/2022	EPA 6010 D	0.05	<0.05	mg/L	
Chromium	12/13/2022	EPA 6010 D	0.05	<0.05	mg/L	
Lead	12/13/2022	EPA 6010 D	0.05	0.42	mg/L	
Selenium	12/13/2022	EPA 6010 D	0.05	<0.05	mg/L	4.M, 4.S
Silver	12/13/2022	EPA 6010 D	0.05	<0.05	mg/L	

Date Leached: 12/12/2022 Leach Batch: B251030 Leach Method: EPA 1311 Fluid #1
Date Prepared: 12/13/2022 Preparation Method: EPA 3010A

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Mercury	12/13/2022	EPA 7471 B	0.02	<0.02	mg/L	

Date Leached: 12/12/2022 Leach Batch: B251030 Leach Method: EPA 1311 Fluid #1
Date Prepared: 12/13/2022 Preparation Method: EPA 7471 B

Client: Laurel Environmental	Client ID: 27-09 40th Ave LIC
Date (Time) Collected: 12/12/2022 07:45	Sample ID: Stockpile 2
Date (Time) Received: 12/12/2022 16:42	Laboratory ID: 2121229-02 % Solid:94.96
Matrix: Soil	ELAP: #11693

Extractable Petroleum Hydrocarbons

Parameter	CAS No.	LOQ	Result	Units	Flag
Extractable Petroleum Hydrocarbons	8006-61-9/68334-30-5	132	<132	mg/kg dry	

Date Prepared: 12/14/2022 Preparation Method: [CALC]

Date Analyzed: 12/15/2022 Analytical Method: EPA 8015 C

Parameter	CAS No.	LOQ	Result	Units	Flag
Diesel Range Organics (C10-C28)	68334-30-5	105	<105	mg/kg dry	

Date Prepared: 12/14/2022 Preparation Method: EPA 3545 A

Date Analyzed: 12/15/2022 Analytical Method: EPA 8015 D DRO

Parameter	CAS No.	LOQ	Result	Units	Flag
Gasoline Range Organics(C6-C10)	8006-61-9	26.3	<26.3	mg/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Naphthalene-d8	1146-65-2	98	20.7-168	

Date Prepared: 12/14/2022 Preparation Method: EPA 5035 A

Date Analyzed: 12/14/2022 Analytical Method: EPA 8015 D GRO

Client: Laurel Environmental	Client ID: 27-09 40th Ave LIC	
Date (Time) Collected: 12/12/2022 07:45	Sample ID: Stockpile 2	
Date (Time) Received: 12/12/2022 16:42	Laboratory ID: 2121229-02	% Solid:94.96
Matrix: Soil	ELAP: #11693	

General Chemistry Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Flashpoint	12/14/2022 11:37	ASTM D93 - IP 34	75.0	>140	°F	

Date Prepared: 12/14/2022 Preparation Method: Pensky-Martens Closed Cu

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Corrosivity (pH)	12/13/2022 17:30	EPA 9045D	NA	8.09	units	1.C
Temperature @ pH in C	12/13/2022 17:30	EPA 9045D	NA	19.60	units	1.C

Date Prepared: 12/13/2022 Preparation Method: No Preparation

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Reactive Cyanide	12/14/2022 11:55	SW-846 Ch7 Sec. 7.3	5.27	<5.27	mg/kg dry	
Reactive Sulfide	12/14/2022 11:55	SW-846 Ch7 Sec. 7.3	2.11	<2.11	mg/kg dry	

Date Prepared: 12/14/2022 Preparation Method: Distillation Reactivity

Client: Laurel Environmental	Client ID: 27-09 40th Ave LIC
Date (Time) Collected: 12/12/2022 08:00	Sample ID: Grid 5 10' Bgs
Date (Time) Received: 12/12/2022 16:42	Laboratory ID: 2121229-03 % Solid:95
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,1,1,2-Tetrachloroethane	630-20-6	5.23	<5.23	ug/kg dry	
1,1,1-Trichloroethane	71-55-6	5.23	<5.23	ug/kg dry	
1,1,2,2-Tetrachloroethane	79-34-5	5.23	<5.23	ug/kg dry	
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	5.23	<5.23	ug/kg dry	
1,1,2-Trichloroethane	79-00-5	5.23	<5.23	ug/kg dry	
1,1-Dichloroethane	75-34-3	5.23	<5.23	ug/kg dry	
1,1-Dichloroethene	75-35-4	5.23	<5.23	ug/kg dry	
1,1-Dichloropropene	563-58-6	5.23	<5.23	ug/kg dry	
1,2,3-Trichlorobenzene	87-61-6	5.23	<5.23	ug/kg dry	
1,2,3-Trichloropropane	96-18-4	5.23	<5.23	ug/kg dry	
1,2,4,5-Tetramethylbenzene	95-93-2	5.23	<5.23	ug/kg dry	2.B
1,2,4-Trichlorobenzene	120-82-1	5.23	<5.23	ug/kg dry	
1,2,4-Trimethylbenzene	95-63-6	5.23	<5.23	ug/kg dry	
1,2-Dibromo-3-chloropropane	96-12-8	5.23	<5.23	ug/kg dry	
1,2-Dibromoethane	106-93-4	5.23	<5.23	ug/kg dry	
1,2-Dichlorobenzene	95-50-1	5.23	<5.23	ug/kg dry	
1,2-Dichloroethane	107-06-2	5.23	<5.23	ug/kg dry	
1,2-Dichloropropane	78-87-5	5.23	<5.23	ug/kg dry	
1,3,5-Trimethylbenzene	108-67-8	5.23	<5.23	ug/kg dry	
1,3-Dichlorobenzene	541-73-1	5.23	<5.23	ug/kg dry	
1,3-Dichloropropane	142-28-9	5.23	<5.23	ug/kg dry	
1,4-Dichlorobenzene	106-46-7	5.23	<5.23	ug/kg dry	
1,4-Diethylbenzene	105-05-5	5.23	<5.23	ug/kg dry	2.B
1,4-Dioxane	123-91-1	26.2	<26.2	ug/kg dry	
2,2-Dichloropropane	594-20-7	5.23	<5.23	ug/kg dry	
2-Chloroethyl Vinyl Ether	110-75-8	5.23	<5.23	ug/kg dry	
2-Chlorotoluene	95-49-8	5.23	<5.23	ug/kg dry	
4-Chlorotoluene	106-43-4	5.23	<5.23	ug/kg dry	
4-Ethyltoluene	622-96-8	5.23	<5.23	ug/kg dry	2.B
4-Isopropyltoluene	99-87-6	5.23	<5.23	ug/kg dry	

Client: Laurel Environmental	Client ID: 27-09 40th Ave LIC
Date (Time) Collected: 12/12/2022 08:00	Sample ID: Grid 5 10' Bgs
Date (Time) Received: 12/12/2022 16:42	Laboratory ID: 2121229-03 % Solid:95
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
4-Methyl-2-Pentanone	108-10-1	10.5	<10.5	ug/kg dry	
Acetone	67-64-1	20.9	<20.9	ug/kg dry	4.S
Acrolein	107-02-8	10.5	<10.5	ug/kg dry	4.R
Acrylonitrile	107-13-1	10.5	<10.5	ug/kg dry	4.J
Benzene	71-43-2	5.23	<5.23	ug/kg dry	
Bromobenzene	108-86-1	5.23	<5.23	ug/kg dry	
Bromochloromethane	74-97-5	5.23	<5.23	ug/kg dry	
Bromodichloromethane	75-27-4	5.23	<5.23	ug/kg dry	
Bromoform	75-25-2	5.23	<5.23	ug/kg dry	
Bromomethane	74-83-9	5.23	<5.23	ug/kg dry	
Carbon disulfide	75-15-0	5.23	<5.23	ug/kg dry	
Carbon Tetrachloride	56-23-5	5.23	<5.23	ug/kg dry	
Chlorobenzene	108-90-7	5.23	<5.23	ug/kg dry	
Chlorodifluoromethane	75-45-6	5.23	<5.23	ug/kg dry	2.B, 4.J
Chloroethane	75-00-3	5.23	<5.23	ug/kg dry	
Chloroform	67-66-3	5.23	<5.23	ug/kg dry	
Chloromethane	74-87-3	5.23	<5.23	ug/kg dry	
cis-1,2-Dichloroethene	156-59-2	5.23	<5.23	ug/kg dry	
cis-1,3-Dichloropropene	10061-01-5	10.5	<10.5	ug/kg dry	
Dibromochloromethane	124-48-1	5.23	<5.23	ug/kg dry	
Dibromomethane	74-95-3	5.23	<5.23	ug/kg dry	
Dichlorodifluoromethane	75-71-8	5.23	<5.23	ug/kg dry	
Ethylbenzene	100-41-4	5.23	<5.23	ug/kg dry	
Hexachlorobutadiene	87-68-3	5.23	<5.23	ug/kg dry	4.K, 4.M
Isopropylbenzene (Cumene)	98-82-8	5.23	<5.23	ug/kg dry	
m,p-Xylenes	108-38-3/106-42-3	10.5	<10.5	ug/kg dry	
Methyl Acetate	79-20-9	5.23	<5.23	ug/kg dry	4.J
Methyl Butyl Ketone (2-Hexanone)	591-78-6	10.5	<10.5	ug/kg dry	
Methyl Ethyl Ketone (2-Butanone)	78-93-3	10.5	<10.5	ug/kg dry	4.S

Client: Laurel Environmental	Client ID: 27-09 40th Ave LIC
Date (Time) Collected: 12/12/2022 08:00	Sample ID: Grid 5 10' Bgs
Date (Time) Received: 12/12/2022 16:42	Laboratory ID: 2121229-03 % Solid:95
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Methylene Chloride	75-09-2	5.23	<5.23	ug/kg dry	4.J
Methyl-tert-Butyl Ether	1634-04-4	5.23	<5.23	ug/kg dry	
Naphthalene	91-20-3	10.5	<10.5	ug/kg dry	
n-Butylbenzene	104-51-8	5.23	<5.23	ug/kg dry	
n-Propylbenzene	103-65-1	5.23	<5.23	ug/kg dry	
o-Xylene	95-47-6	5.23	<5.23	ug/kg dry	
sec-Butylbenzene	135-98-8	5.23	<5.23	ug/kg dry	
Styrene	100-42-5	5.23	<5.23	ug/kg dry	
tert-Butyl alcohol	75-65-0	10.5	<10.5	ug/kg dry	4.J
tert-Butylbenzene	98-06-6	5.23	<5.23	ug/kg dry	4.K, 4.M
Tetrachloroethene	127-18-4	5.23	46.7	ug/kg dry	4.M
Toluene	108-88-3	5.23	<5.23	ug/kg dry	
trans-1,2-Dichloroethene	156-60-5	5.23	<5.23	ug/kg dry	
trans-1,3-Dichloropropene	10061-02-6	5.23	<5.23	ug/kg dry	
Trichloroethene	79-01-6	5.23	<5.23	ug/kg dry	4.M
Trichlorofluoromethane	75-69-4	5.23	<5.23	ug/kg dry	
Vinyl Acetate	108-05-4	5.23	<5.23	ug/kg dry	4.K, 4.M, 4.R
Vinyl chloride	75-01-4	5.23	<5.23	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
1,2-Dichloroethane-d4	10706-07-0	84	72.1-142	
4-Bromofluorobenzene	460-00-4	104	76.1-131	
Dibromofluoromethane	1868-53-7	112	77.6-135	
Toluene-d8	2037-26-5	84	77.8-124	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	85	50-200	
1,4-Difluorobenzene	540-36-3	69	50-200	
Chlorobenzene-d5	3114-55-4	82	50-200	
Pentafluorobenzene	363-72-4	65	50-200	

Date Prepared: 12/14/2022

Preparation Method: EPA 5035A-L

Date Analyzed: 12/14/2022

Analytical Method: EPA 8260 D

Client: Laurel Environmental	Client ID: 27-09 40th Ave LIC
Date (Time) Collected: 12/12/2022 08:15	Sample ID: Grid 4/5 3' Bgs
Date (Time) Received: 12/12/2022 16:42	Laboratory ID: 2121229-04 % Solid:95
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,1,1,2-Tetrachloroethane	630-20-6	4.80	<4.80	ug/kg dry	
1,1,1-Trichloroethane	71-55-6	4.80	<4.80	ug/kg dry	
1,1,2,2-Tetrachloroethane	79-34-5	4.80	<4.80	ug/kg dry	
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	4.80	<4.80	ug/kg dry	
1,1,2-Trichloroethane	79-00-5	4.80	<4.80	ug/kg dry	
1,1-Dichloroethane	75-34-3	4.80	<4.80	ug/kg dry	
1,1-Dichloroethene	75-35-4	4.80	<4.80	ug/kg dry	
1,1-Dichloropropene	563-58-6	4.80	<4.80	ug/kg dry	
1,2,3-Trichlorobenzene	87-61-6	4.80	<4.80	ug/kg dry	
1,2,3-Trichloropropane	96-18-4	4.80	<4.80	ug/kg dry	
1,2,4,5-Tetramethylbenzene	95-93-2	4.80	<4.80	ug/kg dry	2.B
1,2,4-Trichlorobenzene	120-82-1	4.80	<4.80	ug/kg dry	
1,2,4-Trimethylbenzene	95-63-6	4.80	<4.80	ug/kg dry	
1,2-Dibromo-3-chloropropane	96-12-8	4.80	<4.80	ug/kg dry	
1,2-Dibromoethane	106-93-4	4.80	<4.80	ug/kg dry	
1,2-Dichlorobenzene	95-50-1	4.80	<4.80	ug/kg dry	
1,2-Dichloroethane	107-06-2	4.80	<4.80	ug/kg dry	
1,2-Dichloropropane	78-87-5	4.80	<4.80	ug/kg dry	
1,3,5-Trimethylbenzene	108-67-8	4.80	<4.80	ug/kg dry	
1,3-Dichlorobenzene	541-73-1	4.80	<4.80	ug/kg dry	
1,3-Dichloropropane	142-28-9	4.80	<4.80	ug/kg dry	
1,4-Dichlorobenzene	106-46-7	4.80	<4.80	ug/kg dry	
1,4-Diethylbenzene	105-05-5	4.80	<4.80	ug/kg dry	2.B
1,4-Dioxane	123-91-1	24.0	<24.0	ug/kg dry	
2,2-Dichloropropane	594-20-7	4.80	<4.80	ug/kg dry	
2-Chloroethyl Vinyl Ether	110-75-8	4.80	<4.80	ug/kg dry	
2-Chlorotoluene	95-49-8	4.80	<4.80	ug/kg dry	
4-Chlorotoluene	106-43-4	4.80	<4.80	ug/kg dry	
4-Ethyltoluene	622-96-8	4.80	<4.80	ug/kg dry	2.B
4-Isopropyltoluene	99-87-6	4.80	<4.80	ug/kg dry	

Client: Laurel Environmental	Client ID: 27-09 40th Ave LIC
Date (Time) Collected: 12/12/2022 08:15	Sample ID: Grid 4/5 3' Bgs
Date (Time) Received: 12/12/2022 16:42	Laboratory ID: 2121229-04 % Solid:95
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
4-Methyl-2-Pentanone	108-10-1	9.60	<9.60	ug/kg dry	
Acetone	67-64-1	19.2	<19.2	ug/kg dry	4.S
Acrolein	107-02-8	9.60	<9.60	ug/kg dry	4.R
Acrylonitrile	107-13-1	9.60	<9.60	ug/kg dry	4.J
Benzene	71-43-2	4.80	<4.80	ug/kg dry	
Bromobenzene	108-86-1	4.80	<4.80	ug/kg dry	
Bromochloromethane	74-97-5	4.80	<4.80	ug/kg dry	
Bromodichloromethane	75-27-4	4.80	<4.80	ug/kg dry	
Bromoform	75-25-2	4.80	<4.80	ug/kg dry	
Bromomethane	74-83-9	4.80	<4.80	ug/kg dry	
Carbon disulfide	75-15-0	4.80	<4.80	ug/kg dry	
Carbon Tetrachloride	56-23-5	4.80	<4.80	ug/kg dry	
Chlorobenzene	108-90-7	4.80	<4.80	ug/kg dry	
Chlorodifluoromethane	75-45-6	4.80	<4.80	ug/kg dry	2.B, 4.J
Chloroethane	75-00-3	4.80	<4.80	ug/kg dry	
Chloroform	67-66-3	4.80	<4.80	ug/kg dry	
Chloromethane	74-87-3	4.80	<4.80	ug/kg dry	
cis-1,2-Dichloroethene	156-59-2	4.80	<4.80	ug/kg dry	
cis-1,3-Dichloropropene	10061-01-5	9.60	<9.60	ug/kg dry	
Dibromochloromethane	124-48-1	4.80	<4.80	ug/kg dry	
Dibromomethane	74-95-3	4.80	<4.80	ug/kg dry	
Dichlorodifluoromethane	75-71-8	4.80	<4.80	ug/kg dry	
Ethylbenzene	100-41-4	4.80	<4.80	ug/kg dry	
Hexachlorobutadiene	87-68-3	4.80	<4.80	ug/kg dry	4.K, 4.M
Isopropylbenzene (Cumene)	98-82-8	4.80	<4.80	ug/kg dry	
m,p-Xylenes	108-38-3/106-42-3	9.60	<9.60	ug/kg dry	
Methyl Acetate	79-20-9	4.80	<4.80	ug/kg dry	4.J
Methyl Butyl Ketone (2-Hexanone)	591-78-6	9.60	<9.60	ug/kg dry	
Methyl Ethyl Ketone (2-Butanone)	78-93-3	9.60	<9.60	ug/kg dry	4.S

Client: Laurel Environmental	Client ID: 27-09 40th Ave LIC
Date (Time) Collected: 12/12/2022 08:15	Sample ID: Grid 4/5 3' Bgs
Date (Time) Received: 12/12/2022 16:42	Laboratory ID: 2121229-04 % Solid:95
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Methylene Chloride	75-09-2	4.80	<4.80	ug/kg dry	4.J
Methyl-tert-Butyl Ether	1634-04-4	4.80	<4.80	ug/kg dry	
Naphthalene	91-20-3	9.60	<9.60	ug/kg dry	
n-Butylbenzene	104-51-8	4.80	<4.80	ug/kg dry	
n-Propylbenzene	103-65-1	4.80	<4.80	ug/kg dry	
o-Xylene	95-47-6	4.80	<4.80	ug/kg dry	
sec-Butylbenzene	135-98-8	4.80	<4.80	ug/kg dry	
Styrene	100-42-5	4.80	<4.80	ug/kg dry	
tert-Butyl alcohol	75-65-0	9.60	<9.60	ug/kg dry	4.J
tert-Butylbenzene	98-06-6	4.80	<4.80	ug/kg dry	4.K, 4.M
Tetrachloroethene	127-18-4	4.80	972	ug/kg dry	4.A, 4.M
Toluene	108-88-3	4.80	<4.80	ug/kg dry	
trans-1,2-Dichloroethene	156-60-5	4.80	<4.80	ug/kg dry	
trans-1,3-Dichloropropene	10061-02-6	4.80	<4.80	ug/kg dry	
Trichloroethene	79-01-6	4.80	<4.80	ug/kg dry	4.M
Trichlorofluoromethane	75-69-4	4.80	<4.80	ug/kg dry	
Vinyl Acetate	108-05-4	4.80	<4.80	ug/kg dry	4.K, 4.M, 4.R
Vinyl chloride	75-01-4	4.80	<4.80	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
1,2-Dichloroethane-d4	10706-07-0	89	72.1-142	
4-Bromofluorobenzene	460-00-4	103	76.1-131	
Dibromofluoromethane	1868-53-7	105	77.6-135	
Toluene-d8	2037-26-5	94	77.8-124	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	86	50-200	
1,4-Difluorobenzene	540-36-3	85	50-200	
Chlorobenzene-d5	3114-55-4	86	50-200	
Pentafluorobenzene	363-72-4	83	50-200	

Date Prepared: 12/14/2022

Preparation Method: EPA 5035A-L

Date Analyzed: 12/14/2022

Analytical Method: EPA 8260 D

Data Qualifiers Key Reference:

1.C	Holding time exceeded, analyze immediate parameter.
2.B	Parameter not certifiable by NELAP.
4.A	Estimated concentration, exceeds calibration range.
4.D	Surrogate recovery has failed low.
4.J	Continuing Calibration Verification (CCV) quality control levels failed low, values are considered to be estimated.
4.K	Continuing Calibration Verification (CCV) quality control levels failed high, values are considered to be estimated.
4.M	LCS recovery was above QC acceptance limit.
4.R	Initial Calibration Verification (ICV) quality control levels low, values are considered to be estimated.
4.S	Initial Calibration Verification (ICV) quality control levels high, values are considered to be estimated.
MDL	Minimum Detection Limit
LOQ	Limit of Quantitation
H	Holding Time Exceeded

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"
www.lialinc.com
110 Colin Drive • Holbrook, New York 11741 • Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@lialinc.com

CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

2121229

CLIENT NAME/ADDRESS: Laurel Environmental Geosciences PPC

CONTACT: 631-673-0612

PHONE: Scott Yanuck

EMAIL:

PROJECT LOCATION: 27-09 40th Ave, LIC, NY

SAMPLER (SIGNATURE):

SAMPLER NAME (PRINT): Ricky Frantellizzi

SAMPLE(S) SEALED YES / NO

CORRECT CONTAINER(S) YES / NO

SAMPLES RECEIVED AT 1.9 °C

TERMS & CONDITIONS: Accounts are payable in full within thirty days, outstanding balances accrue service charges of 1.5% per month. Tendering of samples to LIAL for analytical testing constitutes agreement by buyer/sampler to LIAL's Standard terms

LABORATORY ID # (For Laboratory Use Only)	MATRIX	TYPE	pH	RES. CHLORINE	PRES.	DATE	TIME	SAMPLE # LOCATION	ANALYSIS REQUIRED: USEPA 8260 VOCs	EPH	Ignitability	Corrosivity	Total PCBs	Reactive Sulfide	Reactive Cyanide	Full TCLP	# OF CONTAINERS
1.	S	G			7	12/12/2022	07:30	Stockpile 1		X	X	X	X	X	X	X	7
2.							07:45	Stockpile 2		X	X	X	X	X	X	X	7
3.							08:00	Grid 5 10' bgs	X								4
4.							08:15	Grid 4/5 3' bgs	X								4
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	
11.																	
12.																	
13.																	
14.																	

RUSH!

MATRIX: S=SOIL; SL=SLUDGE; DW=DRINKING WATER; A=AIR; W=WIPE; PC=PAINT CHIPS; BM= BULK MATERIAL, O=OIL, WW=WASTE WATER
TYPE: G=GRAB; C=COMPOSITE; SS=SPLIT SPOON
PRES: (1) ICE; (2) HCL; (3) H_2SO_4; (4) NAOH; (5) $NA_2S_2O_3$; (6) HNO_3; (7) OTHER

TURNAROUND REQUIRED: ☐ NORMAL ☒ STAT BY 12/15/22

COMMENTS / INSTRUCTIONS

RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY (SIGNATURE)	DATE / TIME	PRINTED NAME
	12/12/22 16:25	Ricky Frantellizzi			
RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY SAMPLE CUSTODIAN	DATE 12/12/22 TIME 16:20	PRINTED NAME Rey Rivera

WHITE - OFFICE / CANARY - CLIENT

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: 11/14/2022
Client Project ID: 27-09 40th Avenue, LIC, NY 19-401.11
York Project (SDG) No.: 22K0688

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

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: 11/14/2022
Client Project ID: 27-09 40th Avenue, LIC, NY 19-401.11
York Project (SDG) No.: 22K0688

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 11, 2022 and listed below. The project was identified as your project: **27-09 40th Avenue, LIC, NY 19-401.11**.

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
22K0688-01	Grid 1 5-point Composite, 0-5'	Soil	11/11/2022	11/11/2022

General Notes for York Project (SDG) No.: 22K0688

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

Approved By: Cassie L. Mosher **Date:** 11/14/2022

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: **Grid 1 5-point Composite, 0-5'** **York Sample ID:** **22K0688-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22K0688	27-09 40th Avenue, LIC, NY 19-401.11	Soil	November 11, 2022 9:00 am	11/11/2022

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	11/12/2022 09:42 NELAC-NY10854,NJDEP,PADEP	11/12/2022 16:03	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	93.8	187	2	EPA 8270D Certifications:	11/12/2022 09:42 NELAC-NY10854,NJDEP,PADEP	11/12/2022 16:03	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	11/12/2022 09:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/12/2022 16:03	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	11/12/2022 09:42 NELAC-NY10854,PADEP	11/12/2022 16:03	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	11/12/2022 09:42 NELAC-NY10854,NJDEP,PADEP	11/12/2022 16:03	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	11/12/2022 09:42 NELAC-NY10854,PADEP	11/12/2022 16:03	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	11/12/2022 09:42 NELAC-NY10854,PADEP	11/12/2022 16:03	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	93.8	187	2	EPA 8270D Certifications:	11/12/2022 09:42 NELAC-NY10854,NJDEP,PADEP	11/12/2022 16:03	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	11/12/2022 09:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/12/2022 16:03	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	11/12/2022 09:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/12/2022 16:03	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	11/12/2022 09:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/12/2022 16:03	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	11/12/2022 09:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/12/2022 16:03	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	93.8	187	2	EPA 8270D Certifications:	11/12/2022 09:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/12/2022 16:03	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	11/12/2022 09:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/12/2022 16:03	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	11/12/2022 09:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/12/2022 16:03	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	11/12/2022 09:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/12/2022 16:03	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	11/12/2022 09:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/12/2022 16:03	KH
91-57-6	**2-Methylnaphthalene**	**80.2**	J	ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	11/12/2022 09:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/12/2022 16:03	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	11/12/2022 09:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/12/2022 16:03	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	93.8	187	2	EPA 8270D Certifications:	11/12/2022 09:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/12/2022 16:03	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	11/12/2022 09:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/12/2022 16:03	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	11/12/2022 09:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/12/2022 16:03	KH

Sample Information

Client Sample ID: **Grid 1 5-point Composite, 0-5'** **York Sample ID:** **22K0688-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22K0688	27-09 40th Avenue, LIC, NY 19-401.11	Soil	November 11, 2022 9:00 am	11/11/2022

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	11/12/2022 09:42 NELAC-NY10854,NJDEP,PADEP	11/12/2022 16:03	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	93.8	187	2	EPA 8270D Certifications:	11/12/2022 09:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/12/2022 16:03	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	93.8	187	2	EPA 8270D Certifications:	11/12/2022 09:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/12/2022 16:03	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	11/12/2022 09:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/12/2022 16:03	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	11/12/2022 09:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/12/2022 16:03	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	11/12/2022 09:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/12/2022 16:03	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	11/12/2022 09:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/12/2022 16:03	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	93.8	187	2	EPA 8270D Certifications:	11/12/2022 09:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/12/2022 16:03	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	93.8	187	2	EPA 8270D Certifications:	11/12/2022 09:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/12/2022 16:03	KH
83-32-9	**Acenaphthene**	**174**		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	11/12/2022 09:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/12/2022 16:03	KH
208-96-8	**Acenaphthylene**	**256**		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	11/12/2022 09:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/12/2022 16:03	KH
98-86-2	Acetophenone	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	11/12/2022 09:42 NELAC-NY10854,NJDEP,PADEP	11/12/2022 16:03	KH
62-53-3	Aniline	ND		ug/kg dry	188	376	2	EPA 8270D Certifications:	11/12/2022 09:42 NELAC-NY10854,NJDEP,PADEP	11/12/2022 16:03	KH
120-12-7	**Anthracene**	**490**		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	11/12/2022 09:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/12/2022 16:03	KH
1912-24-9	Atrazine	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	11/12/2022 09:42 NELAC-NY10854,NJDEP,PADEP	11/12/2022 16:03	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	11/12/2022 09:42 NELAC-NY10854,NJDEP,PADEP	11/12/2022 16:03	KH
92-87-5	Benzidine	ND		ug/kg dry	188	376	2	EPA 8270D Certifications:	11/12/2022 09:42 CTDOH-PH-0723,NELAC-NY10854,PADEP	11/12/2022 16:03	KH
56-55-3	**Benzo(a)anthracene**	**1420**		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	11/12/2022 09:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/12/2022 16:03	KH
50-32-8	**Benzo(a)pyrene**	**1600**		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	11/12/2022 09:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/12/2022 16:03	KH
205-99-2	**Benzo(b)fluoranthene**	**1510**		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	11/12/2022 09:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/12/2022 16:03	KH
191-24-2	**Benzo(g,h,i)perylene**	**998**		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	11/12/2022 09:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/12/2022 16:03	KH
207-08-9	**Benzo(k)fluoranthene**	**1380**		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	11/12/2022 09:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/12/2022 16:03	KH
65-85-0	Benzoic acid	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	11/12/2022 09:42 NELAC-NY10854,NJDEP,PADEP	11/12/2022 16:03	KH

Sample Information

Client Sample ID: **Grid 1 5-point Composite, 0-5'** **York Sample ID:** **22K0688-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22K0688	27-09 40th Avenue, LIC, NY 19-401.11	Soil	November 11, 2022 9:00 am	11/11/2022

SVOA, 8270 MASTER **Log-in Notes:** VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-51-6	Benzyl alcohol	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	11/12/2022 09:42 NELAC-NY10854,NJDEP,PADEP	11/12/2022 16:03	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	11/12/2022 09:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/12/2022 16:03	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	11/12/2022 09:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/12/2022 16:03	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	11/12/2022 09:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/12/2022 16:03	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	11/12/2022 09:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/12/2022 16:03	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	11/12/2022 09:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/12/2022 16:03	KH
105-60-2	Caprolactam	ND		ug/kg dry	93.8	187	2	EPA 8270D Certifications:	11/12/2022 09:42 NELAC-NY10854,NJDEP,PADEP	11/12/2022 16:03	KH
86-74-8	**Carbazole**	**215**		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	11/12/2022 09:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/12/2022 16:03	KH
218-01-9	**Chrysene**	**1490**		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	11/12/2022 09:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/12/2022 16:03	KH
53-70-3	**Dibenzo(a,h)anthracene**	**337**		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	11/12/2022 09:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/12/2022 16:03	KH
132-64-9	**Dibenzofuran**	**151**		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	11/12/2022 09:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/12/2022 16:03	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	11/12/2022 09:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/12/2022 16:03	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	11/12/2022 09:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/12/2022 16:03	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	11/12/2022 09:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/12/2022 16:03	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	11/12/2022 09:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/12/2022 16:03	KH
206-44-0	**Fluoranthene**	**3630**		ug/kg dry	118	235	5	EPA 8270D Certifications:	11/12/2022 21:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/13/2022 14:20	KH
86-73-7	**Fluorene**	**173**		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	11/12/2022 09:42 NELAC-NY10854,NJDEP,PADEP	11/12/2022 16:03	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	11/12/2022 09:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/12/2022 16:03	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	11/12/2022 09:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/12/2022 16:03	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	11/12/2022 09:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/12/2022 16:03	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	11/12/2022 09:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/12/2022 16:03	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**887**		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	11/12/2022 09:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/12/2022 16:03	KH
78-59-1	Isophorone	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications:	11/12/2022 09:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/12/2022 16:03	KH

Sample Information

Client Sample ID: **Grid 1 5-point Composite, 0-5'** **York Sample ID:** **22K0688-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22K0688	27-09 40th Avenue, LIC, NY 19-401.11	Soil	November 11, 2022 9:00 am	11/11/2022

SVOA, 8270 MASTER

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	**Naphthalene**	**174**		ug/kg dry	47.0	93.8	2	EPA 8270D	11/12/2022 09:42	11/12/2022 16:03	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D	11/12/2022 09:42	11/12/2022 16:03	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	47.0	93.8	2	EPA 8270D	11/12/2022 09:42	11/12/2022 16:03	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	47.0	93.8	2	EPA 8270D	11/12/2022 09:42	11/12/2022 16:03	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	47.0	93.8	2	EPA 8270D	11/12/2022 09:42	11/12/2022 16:03	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		ug/kg dry	47.0	93.8	2	EPA 8270D	11/12/2022 09:42	11/12/2022 16:03	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**2290**		ug/kg dry	47.0	93.8	2	EPA 8270D	11/12/2022 09:42	11/12/2022 16:03	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		ug/kg dry	47.0	93.8	2	EPA 8270D	11/12/2022 09:42	11/12/2022 16:03	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**2770**		ug/kg dry	47.0	93.8	2	EPA 8270D	11/12/2022 09:42	11/12/2022 16:03	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*61.8 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*59.2 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*58.2 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*56.0 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*129 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*68.4 %*	*24-116*

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**87.7**		%	0.100	1	SM 2540G	11/14/2022 09:14	11/14/2022 11:19	S_S
							Certifications:	CTDOH-PH-0723		

Analytical Batch Summary

Batch ID: BK20767 **Preparation Method:** EPA 3550C **Prepared By:** CLO

YORK Sample ID	Client Sample ID	Preparation Date
22K0688-01	Grid 1 5-point Composite, 0-5'	11/12/22
22K0688-01RE1	Grid 1 5-point Composite, 0-5'	11/12/22
BK20767-BLK1	Blank	11/12/22
BK20767-BS1	LCS	11/12/22
BK20767-MS1	Matrix Spike	11/12/22
BK20767-MSD1	Matrix Spike Dup	11/12/22

Batch ID: BK20803 **Preparation Method:** % Solids Prep **Prepared By:** S_S

YORK Sample ID	Client Sample ID	Preparation Date
22K0688-01	Grid 1 5-point Composite, 0-5'	11/14/22
BK20803-DUP2	Duplicate	11/14/22

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 BK20767 - EPA 3550C											
Blank (BK20767-BLK1)									Prepared & Analyzed: 11/12/2022		
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	"								

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 BK20767 - EPA 3550C											
Blank (BK20767-BLK1)											Prepared & Analyzed: 11/12/2022
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	"								
Surrogate: SURR: 2-Fluorophenol	*1180*		"	*1660*		*71.1*	*20-108*				
Surrogate: SURR: Phenol-d5	*1120*		"	*1660*		*67.6*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*560*		"	*831*		*67.5*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*578*		"	*831*		*69.6*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*2280*		"	*1660*		*137*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*681*		"	*831*		*82.0*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK20767 - EPA 3550C											
LCS (BK20767-BS1)							Prepared & Analyzed: 11/12/2022				
1,1-Biphenyl	520	41.6	ug/kg wet	831		62.6	18-111				
1,2,4,5-Tetrachlorobenzene	911	83.0	"	831		110	21-131				
1,2,4-Trichlorobenzene	588	41.6	"	831		70.8	10-140				
1,2-Dichlorobenzene	519	41.6	"	831		62.5	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	507	41.6	"	831		61.1	17-137				
1,3-Dichlorobenzene	510	41.6	"	831		61.4	33-110				
1,4-Dichlorobenzene	518	41.6	"	831		62.4	32-104				
2,3,4,6-Tetrachlorophenol	736	83.0	"	831		88.6	30-130				
2,4,5-Trichlorophenol	587	41.6	"	831		70.7	27-118				
2,4,6-Trichlorophenol	657	41.6	"	831		79.1	31-120				
2,4-Dichlorophenol	639	41.6	"	831		77.0	20-127				
2,4-Dimethylphenol	543	41.6	"	831		65.4	14-132				
2,4-Dinitrophenol	ND	83.0	"	831			10-171	Low Bias			
2,4-Dinitrotoluene	365	41.6	"	831		43.9	34-131				
2,6-Dinitrotoluene	365	41.6	"	831		44.0	31-128				
2-Chloronaphthalene	550	41.6	"	831		66.2	31-117				
2-Chlorophenol	548	41.6	"	831		66.0	33-113				
2-Methylnaphthalene	570	41.6	"	831		68.6	12-138				
2-Methylphenol	547	41.6	"	831		65.8	10-136				
2-Nitroaniline	764	83.0	"	831		92.0	27-132				
2-Nitrophenol	169	41.6	"	831		20.3	17-129				
3- & 4-Methylphenols	484	41.6	"	831		58.2	29-103				
3,3-Dichlorobenzidine	345	41.6	"	831		41.6	22-149				
3-Nitroaniline	747	83.0	"	831		89.9	20-133				
4,6-Dinitro-2-methylphenol	77.4	83.0	"	831		9.32	10-143	Low Bias			
4-Bromophenyl phenyl ether	630	41.6	"	831		75.8	29-120				
4-Chloro-3-methylphenol	640	41.6	"	831		77.0	24-129				
4-Chloroaniline	422	41.6	"	831		50.8	10-132				
4-Chlorophenyl phenyl ether	570	41.6	"	831		68.6	27-124				
4-Nitroaniline	778	83.0	"	831		93.7	16-128				
4-Nitrophenol	577	83.0	"	831		69.4	10-141				
Acenaphthene	557	41.6	"	831		67.0	30-121				
Acenaphthylene	501	41.6	"	831		60.4	30-115				
Acetophenone	502	41.6	"	831		60.4	20-112				
Aniline	821	166	"	831		98.8	10-119				
Anthracene	607	41.6	"	831		73.1	34-118				
Atrazine	561	41.6	"	831		67.5	26-112				
Benzaldehyde	481	41.6	"	831		58.0	21-100				
Benzo(a)anthracene	550	41.6	"	831		66.2	32-122				
Benzo(a)pyrene	565	41.6	"	831		68.0	29-133				
Benzo(b)fluoranthene	619	41.6	"	831		74.6	25-133				
Benzo(g,h,i)perylene	627	41.6	"	831		75.5	10-143				
Benzo(k)fluoranthene	613	41.6	"	831		73.8	25-128				
Benzoic acid	41.9	41.6	"	831		5.04	10-140	Low Bias			
Benzyl alcohol	522	41.6	"	831		62.8	30-115				
Benzyl butyl phthalate	537	41.6	"	831		64.6	26-126				
Bis(2-chloroethoxy)methane	498	41.6	"	831		59.9	19-132				
Bis(2-chloroethyl)ether	1170	41.6	"	831		141	19-125	High Bias			
Bis(2-chloroisopropyl)ether	453	41.6	"	831		54.6	20-135				
Bis(2-ethylhexyl)phthalate	557	41.6	"	831		67.1	10-155				
Caprolactam	548	83.0	"	831		66.0	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 BK20767 - EPA 3550C											
LCS (BK20767-BS1)								Prepared & Analyzed: 11/12/2022			
Carbazole	586	41.6	ug/kg wet	831		70.6	35-123				
Chrysene	547	41.6	"	831		65.8	32-123				
Dibenzo(a,h)anthracene	644	41.6	"	831		77.5	10-136				
Dibenzofuran	567	41.6	"	831		68.3	29-121				
Diethyl phthalate	531	41.6	"	831		64.0	34-116				
Dimethyl phthalate	541	41.6	"	831		65.1	35-124				
Di-n-butyl phthalate	552	41.6	"	831		66.4	31-116				
Di-n-octyl phthalate	574	41.6	"	831		69.2	26-136				
Fluoranthene	556	41.6	"	831		66.9	33-122				
Fluorene	552	41.6	"	831		66.4	29-123				
Hexachlorobenzene	554	41.6	"	831		66.8	21-124				
Hexachlorobutadiene	577	41.6	"	831		69.5	10-149				
Hexachlorocyclopentadiene	55.1	41.6	"	831		6.64	10-129	Low Bias			
Hexachloroethane	297	41.6	"	831		35.8	28-108				
Indeno(1,2,3-cd)pyrene	630	41.6	"	831		75.8	10-135				
Isophorone	499	41.6	"	831		60.0	20-132				
Naphthalene	556	41.6	"	831		66.9	23-124				
Nitrobenzene	542	41.6	"	831		65.2	13-132				
N-Nitrosodimethylamine	427	41.6	"	831		51.4	11-129				
N-nitroso-di-n-propylamine	485	41.6	"	831		58.4	24-119				
N-Nitrosodiphenylamine	643	41.6	"	831		77.4	22-152				
Pentachlorophenol	693	41.6	"	831		83.4	10-139				
Phenanthrene	582	41.6	"	831		70.1	33-123				
Phenol	584	41.6	"	831		70.4	23-115				
Pyrene	519	41.6	"	831		62.5	24-130				
Surrogate: SURR: 2-Fluorophenol	*1060*		"	*1660*		*64.1*	*20-108*				
Surrogate: SURR: Phenol-d5	*1000*		"	*1660*		*60.3*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*519*		"	*831*		*62.5*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*519*		"	*831*		*62.5*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*2120*		"	*1660*		*128*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*611*		"	*831*		*73.6*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Batch BK20767 - EPA 3550C

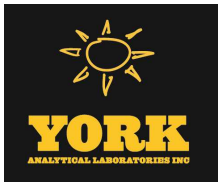
Matrix Spike (BK20767-MS1) *Source sample: 22K0119-09 (Matrix Spike) Prepared & Analyzed: 11/12/2022

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1-Biphenyl	611	89.7	ug/kg dry	896		68.2	10-130				
1,2,4,5-Tetrachlorobenzene	987	179	"	896		110	10-133				
1,2,4-Trichlorobenzene	614	89.7	"	896		68.6	10-127				
1,2-Dichlorobenzene	543	89.7	"	896		60.6	14-111				
1,2-Diphenylhydrazine (as Azobenzene)	545	89.7	"	896		60.8	10-144				
1,3-Dichlorobenzene	533	89.7	"	896		59.4	11-111				
1,4-Dichlorobenzene	541	89.7	"	896		60.4	10-106				
2,3,4,6-Tetrachlorophenol	879	179	"	896		98.1	30-130				
2,4,5-Trichlorophenol	639	89.7	"	896		71.4	10-127				
2,4,6-Trichlorophenol	715	89.7	"	896		79.8	10-132				
2,4-Dichlorophenol	723	89.7	"	896		80.7	10-128				
2,4-Dimethylphenol	643	89.7	"	896		71.8	10-137				
2,4-Dinitrophenol	ND	179	"	896			10-171	Low Bias			
2,4-Dinitrotoluene	365	89.7	"	896		40.7	16-135				
2,6-Dinitrotoluene	396	89.7	"	896		44.2	18-131				
2-Chloronaphthalene	597	89.7	"	896		66.6	10-129				
2-Chlorophenol	610	89.7	"	896		68.1	15-116				
2-Methylnaphthalene	634	89.7	"	896		70.8	10-147				
2-Methylphenol	593	89.7	"	896		66.2	10-136				
2-Nitroaniline	830	179	"	896		92.6	10-137				
2-Nitrophenol	175	89.7	"	896		19.5	10-129				
3- & 4-Methylphenols	538	89.7	"	896		60.0	10-123				
3,3-Dichlorobenzidine	373	89.7	"	896		41.6	10-155				
3-Nitroaniline	841	179	"	896		93.8	12-133				
4,6-Dinitro-2-methylphenol	ND	179	"	896			10-155	Low Bias			
4-Bromophenyl phenyl ether	670	89.7	"	896		74.8	14-128				
4-Chloro-3-methylphenol	722	89.7	"	896		80.6	10-134				
4-Chloroaniline	498	89.7	"	896		55.6	10-145				
4-Chlorophenyl phenyl ether	614	89.7	"	896		68.6	14-130				
4-Nitroaniline	833	179	"	896		93.0	10-147				
4-Nitrophenol	682	179	"	896		76.2	10-137				
Acenaphthene	642	89.7	"	896		71.7	10-146				
Acenaphthylene	550	89.7	"	896		61.4	10-134				
Acetophenone	583	89.7	"	896		65.0	10-116				
Aniline	890	359	"	896		99.3	10-123				
Anthracene	701	89.7	"	896		78.2	10-142				
Atrazine	665	89.7	"	896		74.2	19-115				
Benzaldehyde	579	89.7	"	896		64.6	10-125				
Benzo(a)anthracene	664	89.7	"	896		74.1	10-158				
Benzo(a)pyrene	670	89.7	"	896		74.7	10-180				
Benzo(b)fluoranthene	725	89.7	"	896		81.0	10-200				
Benzo(g,h,i)perylene	694	89.7	"	896		77.4	10-138				
Benzo(k)fluoranthene	717	89.7	"	896		80.0	10-197				
Benzoic acid	376	89.7	"	896		41.9	10-166				
Benzyl alcohol	565	89.7	"	896		63.0	12-124				
Benzyl butyl phthalate	580	89.7	"	896		64.7	10-154				
Bis(2-chloroethoxy)methane	542	89.7	"	896		60.5	10-132				
Bis(2-chloroethyl)ether	1270	89.7	"	896		142	10-119	High Bias			
Bis(2-chloroisopropyl)ether	500	89.7	"	896		55.8	10-139				
Bis(2-ethylhexyl)phthalate	622	89.7	"	896		69.4	10-167				
Caprolactam	675	179	"	896		75.3	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 BK20767 - EPA 3550C											
Matrix Spike (BK20767-MS1)	*Source sample: 22K0119-09 (Matrix Spike)						Prepared & Analyzed: 11/12/2022				
Carbazole	689	89.7	ug/kg dry	896		76.9	10-167				
Chrysene	651	89.7	"	896		72.6	10-156				
Dibenzo(a,h)anthracene	678	89.7	"	896		75.7	10-137				
Dibenzofuran	642	89.7	"	896		71.6	10-147				
Diethyl phthalate	578	89.7	"	896		64.5	20-120				
Dimethyl phthalate	589	89.7	"	896		65.7	18-131				
Di-n-butyl phthalate	589	89.7	"	896		65.8	10-137				
Di-n-octyl phthalate	621	89.7	"	896		69.3	10-180				
Fluoranthene	751	89.7	"	896		83.8	10-160				
Fluorene	634	89.7	"	896		70.7	10-157				
Hexachlorobenzene	604	89.7	"	896		67.4	10-137				
Hexachlorobutadiene	593	89.7	"	896		66.2	10-132				
Hexachlorocyclopentadiene	45.2	89.7	"	896		5.04	10-106	Low Bias			
Hexachloroethane	287	89.7	"	896		32.1	10-110				
Indeno(1,2,3-cd)pyrene	698	89.7	"	896		77.9	10-144				
Isophorone	555	89.7	"	896		61.9	10-132				
Naphthalene	629	89.7	"	896		70.2	10-141				
Nitrobenzene	571	89.7	"	896		63.8	10-131				
N-Nitrosodimethylamine	479	89.7	"	896		53.4	10-126				
N-nitroso-di-n-propylamine	536	89.7	"	896		59.8	10-125				
N-Nitrosodiphenylamine	748	89.7	"	896		83.4	10-177				
Pentachlorophenol	805	89.7	"	896		89.8	10-153				
Phenanthrene	803	89.7	"	896		89.6	10-148				
Phenol	653	89.7	"	896		72.9	10-126				
Pyrene	709	89.7	"	896		79.1	10-165				
Surrogate: SURR: 2-Fluorophenol	*1210*		"	*1790*		*67.7*	*20-108*				
Surrogate: SURR: Phenol-d5	*1160*		"	*1790*		*64.6*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*586*		"	*896*		*65.4*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*591*		"	*896*		*65.9*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*2340*		"	*1790*		*131*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*715*		"	*896*		*79.8*	*24-116*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK20767 - EPA 3550C											
Matrix Spike Dup (BK20767-MSD1)	*Source sample: 22K0119-09 (Matrix Spike Dup)							Prepared & Analyzed: 11/12/2022			
1,1-Biphenyl	591	89.7	ug/kg dry	896		65.9	10-130		3.46	30	
1,2,4,5-Tetrachlorobenzene	1040	179	"	896		117	10-133		5.65	30	
1,2,4-Trichlorobenzene	658	89.7	"	896		73.4	10-127		6.87	30	
1,2-Dichlorobenzene	553	89.7	"	896		61.8	14-111		1.83	30	
1,2-Diphenylhydrazine (as Azobenzene)	576	89.7	"	896		64.3	10-144		5.63	30	
1,3-Dichlorobenzene	541	89.7	"	896		60.4	11-111		1.60	30	
1,4-Dichlorobenzene	551	89.7	"	896		61.4	10-106		1.71	30	
2,3,4,6-Tetrachlorophenol	923	179	"	896		103	30-130		4.93	30	
2,4,5-Trichlorophenol	689	89.7	"	896		76.9	10-127		7.45	30	
2,4,6-Trichlorophenol	770	89.7	"	896		85.9	10-132		7.34	30	
2,4-Dichlorophenol	726	89.7	"	896		81.0	10-128		0.396	30	
2,4-Dimethylphenol	661	89.7	"	896		73.8	10-137		2.75	30	
2,4-Dinitrophenol	ND	179	"	896			10-171	Low Bias		30	
2,4-Dinitrotoluene	409	89.7	"	896		45.6	16-135		11.3	30	
2,6-Dinitrotoluene	408	89.7	"	896		45.5	18-131		2.85	30	
2-Chloronaphthalene	614	89.7	"	896		68.5	10-129		2.72	30	
2-Chlorophenol	630	89.7	"	896		70.3	15-116		3.24	30	
2-Methylnaphthalene	642	89.7	"	896		71.6	10-147		1.12	30	
2-Methylphenol	625	89.7	"	896		69.8	10-136		5.30	30	
2-Nitroaniline	867	179	"	896		96.7	10-137		4.31	30	
2-Nitrophenol	185	89.7	"	896		20.6	10-129		5.58	30	
3- & 4-Methylphenols	546	89.7	"	896		60.9	10-123		1.46	30	
3,3-Dichlorobenzidine	439	89.7	"	896		49.0	10-155		16.4	30	
3-Nitroaniline	848	179	"	896		94.6	12-133		0.849	30	
4,6-Dinitro-2-methylphenol	ND	179	"	896			10-155	Low Bias		30	
4-Bromophenyl phenyl ether	710	89.7	"	896		79.3	14-128		5.82	30	
4-Chloro-3-methylphenol	747	89.7	"	896		83.4	10-134		3.42	30	
4-Chloroaniline	535	89.7	"	896		59.7	10-145		7.08	30	
4-Chlorophenyl phenyl ether	639	89.7	"	896		71.3	14-130		3.89	30	
4-Nitroaniline	853	179	"	896		95.2	10-147		2.38	30	
4-Nitrophenol	705	179	"	896		78.7	10-137		3.31	30	
Acenaphthene	662	89.7	"	896		73.9	10-146		3.08	30	
Acenaphthylene	574	89.7	"	896		64.1	10-134		4.34	30	
Acetophenone	561	89.7	"	896		62.6	10-116		3.89	30	
Aniline	890	359	"	896		99.4	10-123		0.0805	30	
Anthracene	745	89.7	"	896		83.1	10-142		6.05	30	
Atrazine	652	89.7	"	896		72.7	19-115		2.07	30	
Benzaldehyde	543	89.7	"	896		60.6	10-125		6.52	30	
Benzo(a)anthracene	743	89.7	"	896		82.9	10-158		11.2	30	
Benzo(a)pyrene	754	89.7	"	896		84.2	10-180		11.9	30	
Benzo(b)fluoranthene	799	89.7	"	896		89.2	10-200		9.68	30	
Benzo(g,h,i)perylene	792	89.7	"	896		88.4	10-138		13.2	30	
Benzo(k)fluoranthene	791	89.7	"	896		88.3	10-197		9.89	30	
Benzoic acid	433	89.7	"	896		48.3	10-166		14.2	30	
Benzyl alcohol	583	89.7	"	896		65.0	12-124		3.12	30	
Benzyl butyl phthalate	605	89.7	"	896		67.5	10-154		4.23	30	
Bis(2-chloroethoxy)methane	570	89.7	"	896		63.6	10-132		5.03	30	
Bis(2-chloroethyl)ether	1270	89.7	"	896		142	10-119	High Bias	0.0564	30	
Bis(2-chloroisopropyl)ether	513	89.7	"	896		57.2	10-139		2.55	30	
Bis(2-ethylhexyl)phthalate	652	89.7	"	896		72.7	10-167		4.73	30	
Caprolactam	654	179	"	896		73.0	10-132		3.13	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 BK20767 - EPA 3550C											
Matrix Spike Dup (BK20767-MSD1)	*Source sample: 22K0119-09 (Matrix Spike Dup)							Prepared & Analyzed: 11/12/2022			
Carbazole	698	89.7	ug/kg dry	896		77.8	10-167		1.24	30	
Chrysene	724	89.7	"	896		80.8	10-156		10.6	30	
Dibenzo(a,h)anthracene	742	89.7	"	896		82.8	10-137		8.99	30	
Dibenzofuran	659	89.7	"	896		73.5	10-147		2.65	30	
Diethyl phthalate	609	89.7	"	896		68.0	20-120		5.31	30	
Dimethyl phthalate	618	89.7	"	896		69.0	18-131		4.87	30	
Di-n-butyl phthalate	624	89.7	"	896		69.7	10-137		5.79	30	
Di-n-octyl phthalate	652	89.7	"	896		72.8	10-180		4.95	30	
Fluoranthene	893	89.7	"	896		99.6	10-160		17.3	30	
Fluorene	661	89.7	"	896		73.8	10-157		4.21	30	
Hexachlorobenzene	626	89.7	"	896		69.8	10-137		3.62	30	
Hexachlorobutadiene	631	89.7	"	896		70.4	10-132		6.21	30	
Hexachlorocyclopentadiene	ND	89.7	"	896			10-106	Low Bias		30	
Hexachloroethane	302	89.7	"	896		33.7	10-110		4.87	30	
Indeno(1,2,3-cd)pyrene	770	89.7	"	896		85.9	10-144		9.77	30	
Isophorone	565	89.7	"	896		63.0	10-132		1.79	30	
Naphthalene	633	89.7	"	896		70.6	10-141		0.682	30	
Nitrobenzene	602	89.7	"	896		67.2	10-131		5.25	30	
N-Nitrosodimethylamine	501	89.7	"	896		55.9	10-126		4.54	30	
N-nitroso-di-n-propylamine	550	89.7	"	896		61.4	10-125		2.64	30	
N-Nitrosodiphenylamine	748	89.7	"	896		83.4	10-177		0.00	30	
Pentachlorophenol	902	89.7	"	896		101	10-153		11.3	30	
Phenanthrene	890	89.7	"	896		99.3	10-148		10.2	30	
Phenol	687	89.7	"	896		76.6	10-126		5.03	30	
Pyrene	821	89.7	"	896		91.6	10-165		14.6	30	
Surrogate: SURR: 2-Fluorophenol	*1240*		"	*1790*		*69.4*	*20-108*				
Surrogate: SURR: Phenol-d5	*1170*		"	*1790*		*65.2*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*614*		"	*896*		*68.5*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*613*		"	*896*		*68.4*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*2370*		"	*1790*		*132*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*718*		"	*896*		*80.2*	*24-116*				

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 BK20803 - % Solids Prep											
Duplicate (BK20803-DUP2)	*Source sample: 22K0688-01 (Grid 1 5-point Composite, 0-5')								Prepared & Analyzed: 11/14/2022		
% Solids	87.1	0.100	%		87.7				0.736	20	

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.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
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.

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.

York Analytical Laboratories, Inc.
120 Research Drive 132-02 89th Ave
Stratford, CT 06615 Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record

NOTE: 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. 22K0688

YOUR Information	Report To:	Invoice To:
Company: Laurel Environmental	Company: Laurel Environmental	Company: Laurel Environmental
Address: 53 W Hills Rd, Huntington Station, NY	Address: same	Address: Same
Phone.: 631-673-0612	Phone.: 631-673-0612	Phone.: 631-673-0612 x205
Contact: Scott Yanuck	Contact: Jamie Burgher	Contact: Kathy Lobasso
E-mail: syanuck@laurelenv.com	E-mail: labresults@laurelenv.com	E-mail: payables@laurelenv.com

Project #19-401.11

Project Name 27-09 40th Avenue, LIC, NY

YOUR PO#: 19-401.11

Turn-Around Time

RUSH - Next Day	X
RUSH - Two Day	
RUSH - Three Day	
RUSH - Four Day	
Standard (5-7 Day)	

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

Samples Collected by: (print your name above and sign below)
Joshua Yanuck

Matrix Codes

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

Samples From

New York	X
New Jersey	
Connecticut	
Pennsylvania	
Other	

Report / EDD Type (circle selections)

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

YORK Reg. Comp.
Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
Grid 1 5-point Composite, 0-5'	S	9:00 on 11/4/22	Part 375 and TCL Combined SVOCs	1 8-oz, 1 4-oz

Comments:

Preservation: (check all that apply)
HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other: _____

Special Instruction
Field Filtered ____
Lab to Filter ____

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
	11/11 12:45	Matt N York Labs	11/11/22 1245 PM	Matt N York Labs	11/11/22
Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
				MANYORK	11-11-22 12:07
Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temp. Received at Lab
MANYORK	11-11-22			TGale	11/11/22 1939 3.1 Degrees C

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

Analysis Report

December 07, 2022

FOR: Attn: Xin Yuan
Impact Consulting
170 Keyland Court
Bohemia NY 11716

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	MK	12/06/22	
Location Code:	IMPACT-IEC	Received by:	CP	12/06/22	17:51
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:	15015				

Laboratory Data

SDG ID: GCM98531
Phoenix ID: CM98531

Project ID: 27-09 40TH AVE
Client ID: B-1 EP (2`)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Lead	1120	7.1	3.5	mg/Kg	10	12/07/22	TH	SW6010D
Percent Solid	87			%		12/06/22	Q	SW846-%Solid
Soil Extraction for SVOA PAH	Completed					12/06/22	/MO/M	SW3546
Total Metals Digest	Completed					12/06/22	X/AG	SW3050B
Benzo(a) pyrene	940	260	120	ug/kg	1	12/07/22	WB	SW8270D

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

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
December 07, 2022
Official Report Release To Follow

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

Analysis Report

December 07, 2022

FOR: Attn: Xin Yuan
Impact Consulting
170 Keyland Court
Bohemia NY 11716

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	MK	12/06/22	
Location Code:	IMPACT-IEC	Received by:	CP	12/06/22	17:51
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:	15015				

Laboratory Data

SDG ID: GCM98531
Phoenix ID: CM98533

Project ID: 27-09 40TH AVE
Client ID: B-1 NE 5 (0-2`)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Lead	188	7.2	3.6	mg/Kg	10	12/07/22	TH	SW6010D
Percent Solid	88			%		12/06/22	Q	SW846-%Solid
Soil Extraction for SVOA PAH	Completed					12/06/22	/MO/M	SW3546
Total Metals Digest	Completed					12/06/22	X/AG	SW3050B
Benzo(a) pyrene	1400	260	120	ug/kg	1	12/07/22	WB	SW8270D

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

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
December 07, 2022
Official Report Release To Follow

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

Analysis Report

December 07, 2022

FOR: Attn: Xin Yuan
Impact Consulting
170 Keyland Court
Bohemia NY 11716

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	MK	12/06/22	
Location Code:	IMPACT-IEC	Received by:	CP	12/06/22	17:51
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:	15015				

Laboratory Data

SDG ID: GCM98531
Phoenix ID: CM98535

Project ID: 27-09 40TH AVE
Client ID: B-1 S 5 (0-2`)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Lead	404	8.3	4.1	mg/Kg	10	12/07/22	TH	SW6010D
Percent Solid	84			%		12/06/22	Q	SW846-%Solid
Soil Extraction for SVOA PAH	Completed					12/06/22	/MO/M	SW3546
Total Metals Digest	Completed					12/06/22	X/AG	SW3050B
Benzo(a) pyrene	1900	270	130	ug/kg	1	12/07/22	WB	SW8270D

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

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
December 07, 2022
Official Report Release To Follow

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

Analysis Report

December 07, 2022

FOR: Attn: Xin Yuan
Impact Consulting
170 Keyland Court
Bohemia NY 11716

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	MK	12/06/22	
Location Code:	IMPACT-IEC	Received by:	CP	12/06/22	17:51
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:	15015				

Laboratory Data

SDG ID: GCM98531
Phoenix ID: CM98537

Project ID: 27-09 40TH AVE
Client ID: B-1 W 5 (0-2`)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Lead	414	7.6	3.8	mg/Kg	10	12/07/22	TH	SW6010D
Percent Solid	88			%		12/06/22	Q	SW846-%Solid
Soil Extraction for SVOA PAH	Completed					12/06/22	/MO/M	SW3546
Total Metals Digest	Completed					12/06/22	X/AG	SW3050B
Benzo(a) pyrene	6300	260	120	ug/kg	1	12/07/22	WB	SW8270D

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

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
December 07, 2022
Official Report Release To Follow

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

Analysis Report

December 07, 2022

FOR: Attn: Xin Yuan
Impact Consulting
170 Keyland Court
Bohemia NY 11716

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	MK	12/06/22	
Location Code:	IMPACT-IEC	Received by:	CP	12/06/22	17:51
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:	15015				

Laboratory Data

SDG ID: GCM98531
Phoenix ID: CM98539

Project ID: 27-09 40TH AVE
Client ID: B-3 EP (2`)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	96			%		12/06/22	Q	SW846-%Solid
Soil Extraction for SVOA PAH	Completed					12/06/22	/MO/M	SW3546
Benzo(a) pyrene	ND	200	110	ug/kg	1	12/07/22	WB	SW8270D

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

Comments:

Semi-Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

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
December 07, 2022
Official Report Release To Follow

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

Analysis Report

December 07, 2022

FOR: Attn: Xin Yuan
Impact Consulting
170 Keyland Court
Bohemia NY 11716

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	MK	12/06/22	
Location Code:	IMPACT-IEC	Received by:	CP	12/06/22	17:51
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:	15015				

Laboratory Data

SDG ID: GCM98531
Phoenix ID: CM98541

Project ID: 27-09 40TH AVE
Client ID: B-3 NE 5 (0-2`)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	92			%		12/06/22	Q	SW846-%Solid
Soil Extraction for SVOA PAH	Completed					12/06/22	/MO/M	SW3546
Benzo(a) pyrene	430	250	120	ug/kg	1	12/07/22	WB	SW8270D

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

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
December 07, 2022
Official Report Release To Follow

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

Analysis Report

December 07, 2022

FOR: Attn: Xin Yuan
Impact Consulting
170 Keyland Court
Bohemia NY 11716

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	MK	12/06/22	
Location Code:	IMPACT-IEC	Received by:	CP	12/06/22	17:51
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:	15015				

Laboratory Data

SDG ID: GCM98531
Phoenix ID: CM98543

Project ID: 27-09 40TH AVE
Client ID: B-3 S 5 (0-2`)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	94			%		12/06/22	Q	SW846-%Solid
Soil Extraction for SVOA PAH	Completed					12/06/22	/MO/M	SW3546
Benzo(a) pyrene	200	200	110	ug/kg	1	12/07/22	WB	SW8270D

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

Comments:

Semi-Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

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
December 07, 2022
Official Report Release To Follow

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

Analysis Report

December 07, 2022

FOR: Attn: Xin Yuan
Impact Consulting
170 Keyland Court
Bohemia NY 11716

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	MK	12/06/22	
Location Code:	IMPACT-IEC	Received by:	CP	12/06/22	17:51
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:	15015				

Laboratory Data

SDG ID: GCM98531
Phoenix ID: CM98545

Project ID: 27-09 40TH AVE
Client ID: B-3 W 5 (0-2`)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	92			%		12/06/22	Q	SW846-%Solid
Soil Extraction for SVOA PAH	Completed					12/06/22	/MO/M	SW3546
Benzo(a) pyrene	330	250	110	ug/kg	1	12/07/22	WB	SW8270D

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

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
December 07, 2022
Official Report Release To Follow

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

Analysis Report

December 07, 2022

FOR: Attn: Xin Yuan
Impact Consulting
170 Keyland Court
Bohemia NY 11716

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	MK	12/06/22	
Location Code:	IMPACT-IEC	Received by:	CP	12/06/22	17:51
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:	15015				

Laboratory Data

SDG ID: GCM98531
Phoenix ID: CM98547

Project ID: 27-09 40TH AVE
Client ID: B-4 EP (2`)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	83			%		12/06/22	Q	SW846-%Solid
Soil Extraction for SVOA PAH	Completed					12/06/22	/MO/M	SW3546
Benzo(a) pyrene	370	270	130	ug/kg	1	12/07/22	WB	SW8270D

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

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
December 07, 2022
Official Report Release To Follow

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

Analysis Report

December 07, 2022

FOR: Attn: Xin Yuan
Impact Consulting
170 Keyland Court
Bohemia NY 11716

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	MK	12/06/22	
Location Code:	IMPACT-IEC	Received by:	CP	12/06/22	17:51
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:	15015				

Laboratory Data

SDG ID: GCM98531
Phoenix ID: CM98549

Project ID: 27-09 40TH AVE
Client ID: B-4 NE 5 (0-2`)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	88			%		12/06/22	Q	SW846-%Solid
Soil Extraction for SVOA PAH	Completed					12/06/22	/MO/M	SW3546
Benzo(a) pyrene	570	260	120	ug/kg	1	12/07/22	WB	SW8270D

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

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
December 07, 2022
Official Report Release To Follow

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

Analysis Report

December 07, 2022

FOR: Attn: Xin Yuan
Impact Consulting
170 Keyland Court
Bohemia NY 11716

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	MK	12/06/22	
Location Code:	IMPACT-IEC	Received by:	CP	12/06/22	17:51
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:	15015				

Laboratory Data

SDG ID: GCM98531
Phoenix ID: CM98551

Project ID: 27-09 40TH AVE
Client ID: B-4 S 5 (0-2`)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	84			%		12/06/22	Q	SW846-%Solid
Soil Extraction for SVOA PAH	Completed					12/06/22	/MO/M	SW3546
Benzo(a) pyrene	1500	280	130	ug/kg	1	12/07/22	WB	SW8270D

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

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
December 07, 2022
Official Report Release To Follow

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

Analysis Report

December 07, 2022

FOR: Attn: Xin Yuan
Impact Consulting
170 Keyland Court
Bohemia NY 11716

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	MK	12/06/22	
Location Code:	IMPACT-IEC	Received by:	CP	12/06/22	17:51
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:	15015				

Laboratory Data

SDG ID: GCM98531
Phoenix ID: CM98553

Project ID: 27-09 40TH AVE
Client ID: B-4 W 5 (0-2`)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	85			%		12/06/22	Q	SW846-%Solid
Soil Extraction for SVOA PAH	Completed					12/06/22	/MO/M	SW3546
Benzo(a) pyrene	1600	270	120	ug/kg	1	12/07/22	WB	SW8270D

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

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
December 07, 2022
Official Report Release To Follow

PHOENIX

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

Analysis Report

December 07, 2022

FOR: Attn: Xin Yuan
Impact Consulting
170 Keyland Court
Bohemia NY 11716

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	MK	12/06/22	
Location Code:	IMPACT-IEC	Received by:	CP	12/06/22	17:51
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:	15015				

Laboratory Data

SDG ID: GCM98531
Phoenix ID: CM98555

Project ID: 27-09 40TH AVE
Client ID: B-B EP (2`)

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Lead	305		7.8	3.9	mg/Kg	10	12/07/22	TH	SW6010D
Percent Solid	87				%		12/06/22	Q	SW846-%Solid
Soil Extraction for SVOA PAH	Completed						12/06/22	/MO/M	SW3546
Total Metals Digest	Completed						12/06/22	X/AG	SW3050B
Polynuclear Aromatic HC									
2-Methylnaphthalene	ND		380	110	ug/Kg	1	12/07/22	WB	SW8270D
Acenaphthene	ND		380	120	ug/Kg	1	12/07/22	WB	SW8270D
Acenaphthylene	ND		380	110	ug/Kg	1	12/07/22	WB	SW8270D
Anthracene	ND		380	130	ug/Kg	1	12/07/22	WB	SW8270D
Benz(a)anthracene	420		380	130	ug/Kg	1	12/07/22	WB	SW8270D
Benzo(a)pyrene	490		380	120	ug/Kg	1	12/07/22	WB	SW8270D
Benzo(b)fluoranthene	540		380	130	ug/Kg	1	12/07/22	WB	SW8270D
Benzo(ghi)perylene	290	J	380	120	ug/Kg	1	12/07/22	WB	SW8270D
Benzo(k)fluoranthene	190	J	380	130	ug/Kg	1	12/07/22	WB	SW8270D
Chrysene	390		380	130	ug/Kg	1	12/07/22	WB	SW8270D
Dibenz(a,h)anthracene	ND		330	120	ug/Kg	1	12/07/22	WB	SW8270D
Fluoranthene	760		380	120	ug/Kg	1	12/07/22	WB	SW8270D
Fluorene	ND		380	130	ug/Kg	1	12/07/22	WB	SW8270D
Indeno(1,2,3-cd)pyrene	320	J	380	130	ug/Kg	1	12/07/22	WB	SW8270D
Naphthalene	ND		380	110	ug/Kg	1	12/07/22	WB	SW8270D
Phenanthrene	480		380	110	ug/Kg	1	12/07/22	WB	SW8270D
Pyrene	720		380	130	ug/Kg	1	12/07/22	WB	SW8270D
QA/QC Surrogates									
% 2-Fluorobiphenyl	66				%	1	12/07/22	WB	30 - 130 %
% Nitrobenzene-d5	62				%	1	12/07/22	WB	30 - 130 %
% Terphenyl-d14	66				%	1	12/07/22	WB	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

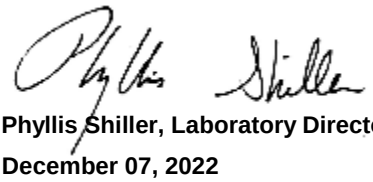
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Semi-Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

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
December 07, 2022
Official Report Release To Follow

PHOENIX

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

Analysis Report

December 07, 2022

FOR: Attn: Xin Yuan
Impact Consulting
170 Keyland Court
Bohemia NY 11716

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	MK	12/06/22	
Location Code:	IMPACT-IEC	Received by:	CP	12/06/22	17:51
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:	15015				

Laboratory Data

SDG ID: GCM98531
Phoenix ID: CM98557

Project ID: 27-09 40TH AVE
Client ID: B-B NE 5 (0-2`)

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Lead	201		7.7	3.9	mg/Kg	10	12/07/22	TH	SW6010D
Percent Solid	84				%		12/06/22	Q	SW846-%Solid
Soil Extraction for SVOA PAH	Completed						12/06/22	/MO/M	SW3546
Total Metals Digest	Completed						12/06/22	X/AG	SW3050B
Polynuclear Aromatic HC									
2-Methylnaphthalene	ND		390	120	ug/Kg	1	12/07/22	WB	SW8270D
Acenaphthene	210	J	390	120	ug/Kg	1	12/07/22	WB	SW8270D
Acenaphthylene	ND		390	110	ug/Kg	1	12/07/22	WB	SW8270D
Anthracene	530		390	130	ug/Kg	1	12/07/22	WB	SW8270D
Benz(a)anthracene	1400		390	130	ug/Kg	1	12/07/22	WB	SW8270D
Benzo(a)pyrene	1600		390	130	ug/Kg	1	12/07/22	WB	SW8270D
Benzo(b)fluoranthene	1800		390	130	ug/Kg	1	12/07/22	WB	SW8270D
Benzo(ghi)perylene	890		390	130	ug/Kg	1	12/07/22	WB	SW8270D
Benzo(k)fluoranthene	590		390	130	ug/Kg	1	12/07/22	WB	SW8270D
Chrysene	1300		390	130	ug/Kg	1	12/07/22	WB	SW8270D
Dibenz(a,h)anthracene	220	J	330	130	ug/Kg	1	12/07/22	WB	SW8270D
Fluoranthene	3000		390	130	ug/Kg	1	12/07/22	WB	SW8270D
Fluorene	180	J	390	130	ug/Kg	1	12/07/22	WB	SW8270D
Indeno(1,2,3-cd)pyrene	1000		390	130	ug/Kg	1	12/07/22	WB	SW8270D
Naphthalene	ND		390	110	ug/Kg	1	12/07/22	WB	SW8270D
Phenanthrene	2600		390	110	ug/Kg	1	12/07/22	WB	SW8270D
Pyrene	2700		390	130	ug/Kg	1	12/07/22	WB	SW8270D
QA/QC Surrogates									
% 2-Fluorobiphenyl	81				%	1	12/07/22	WB	30 - 130 %
% Nitrobenzene-d5	76				%	1	12/07/22	WB	30 - 130 %
% Terphenyl-d14	81				%	1	12/07/22	WB	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

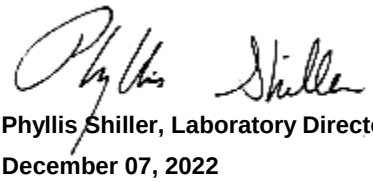
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Semi-Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

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
December 07, 2022
Official Report Release To Follow

PHOENIX

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

Analysis Report

December 07, 2022

FOR: Attn: Xin Yuan
Impact Consulting
170 Keyland Court
Bohemia NY 11716

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	MK	12/06/22	
Location Code:	IMPACT-IEC	Received by:	CP	12/06/22	17:51
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:	15015				

Laboratory Data

SDG ID: GCM98531
Phoenix ID: CM98559

Project ID: 27-09 40TH AVE
Client ID: B-B S 5 (0-2`)

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Lead	654		7.2	3.6	mg/Kg	10	12/07/22	TH	SW6010D
Percent Solid	86				%		12/06/22	Q	SW846-%Solid
Soil Extraction for SVOA PAH	Completed						12/06/22	/MO/M	SW3546
Total Metals Digest	Completed						12/06/22	X/AG	SW3050B
Polynuclear Aromatic HC									
2-Methylnaphthalene	ND		380	110	ug/Kg	1	12/07/22	WB	SW8270D
Acenaphthene	ND		380	120	ug/Kg	1	12/07/22	WB	SW8270D
Acenaphthylene	ND		380	110	ug/Kg	1	12/07/22	WB	SW8270D
Anthracene	160	J	380	120	ug/Kg	1	12/07/22	WB	SW8270D
Benz(a)anthracene	640		380	130	ug/Kg	1	12/07/22	WB	SW8270D
Benzo(a)pyrene	730		380	120	ug/Kg	1	12/07/22	WB	SW8270D
Benzo(b)fluoranthene	840		380	130	ug/Kg	1	12/07/22	WB	SW8270D
Benzo(ghi)perylene	410		380	120	ug/Kg	1	12/07/22	WB	SW8270D
Benzo(k)fluoranthene	280	J	380	130	ug/Kg	1	12/07/22	WB	SW8270D
Chrysene	620		380	130	ug/Kg	1	12/07/22	WB	SW8270D
Dibenz(a,h)anthracene	ND		330	120	ug/Kg	1	12/07/22	WB	SW8270D
Fluoranthene	1200		380	120	ug/Kg	1	12/07/22	WB	SW8270D
Fluorene	ND		380	130	ug/Kg	1	12/07/22	WB	SW8270D
Indeno(1,2,3-cd)pyrene	480		380	130	ug/Kg	1	12/07/22	WB	SW8270D
Naphthalene	ND		380	110	ug/Kg	1	12/07/22	WB	SW8270D
Phenanthrene	790		380	110	ug/Kg	1	12/07/22	WB	SW8270D
Pyrene	1100		380	130	ug/Kg	1	12/07/22	WB	SW8270D
QA/QC Surrogates									
% 2-Fluorobiphenyl	65				%	1	12/07/22	WB	30 - 130 %
% Nitrobenzene-d5	61				%	1	12/07/22	WB	30 - 130 %
% Terphenyl-d14	66				%	1	12/07/22	WB	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

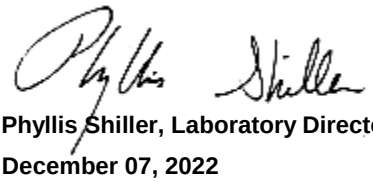
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Semi-Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

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
December 07, 2022
Official Report Release To Follow

PHOENIX

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

Analysis Report

December 07, 2022

FOR: Attn: Xin Yuan
Impact Consulting
170 Keyland Court
Bohemia NY 11716

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	MK	12/06/22	
Location Code:	IMPACT-IEC	Received by:	CP	12/06/22	17:51
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:	15015				

Laboratory Data

SDG ID: GCM98531
Phoenix ID: CM98561

Project ID: 27-09 40TH AVE
Client ID: B-B W 5 (0-2`)

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Lead	115		0.7	0.36	mg/Kg	1	12/07/22	TH	SW6010D
Percent Solid	86				%		12/06/22	Q	SW846-%Solid
Soil Extraction for SVOA PAH	Completed						12/06/22	/MO/M	SW3546
Total Metals Digest	Completed						12/06/22	X/AG	SW3050B
Polynuclear Aromatic HC									
2-Methylnaphthalene	ND		380	110	ug/Kg	1	12/07/22	WB	SW8270D
Acenaphthene	140	J	380	110	ug/Kg	1	12/07/22	WB	SW8270D
Acenaphthylene	110	J	380	110	ug/Kg	1	12/07/22	WB	SW8270D
Anthracene	340	J	380	120	ug/Kg	1	12/07/22	WB	SW8270D
Benz(a)anthracene	1300		380	130	ug/Kg	1	12/07/22	WB	SW8270D
Benzo(a)pyrene	1500		380	120	ug/Kg	1	12/07/22	WB	SW8270D
Benzo(b)fluoranthene	2000		380	130	ug/Kg	1	12/07/22	WB	SW8270D
Benzo(ghi)perylene	1000		380	120	ug/Kg	1	12/07/22	WB	SW8270D
Benzo(k)fluoranthene	610		380	120	ug/Kg	1	12/07/22	WB	SW8270D
Chrysene	1300		380	130	ug/Kg	1	12/07/22	WB	SW8270D
Dibenz(a,h)anthracene	250	J	330	120	ug/Kg	1	12/07/22	WB	SW8270D
Fluoranthene	2600		380	120	ug/Kg	1	12/07/22	WB	SW8270D
Fluorene	ND		380	120	ug/Kg	1	12/07/22	WB	SW8270D
Indeno(1,2,3-cd)pyrene	1200		380	120	ug/Kg	1	12/07/22	WB	SW8270D
Naphthalene	ND		380	110	ug/Kg	1	12/07/22	WB	SW8270D
Phenanthrene	1700		380	110	ug/Kg	1	12/07/22	WB	SW8270D
Pyrene	2400		380	130	ug/Kg	1	12/07/22	WB	SW8270D
QA/QC Surrogates									
% 2-Fluorobiphenyl	70				%	1	12/07/22	WB	30 - 130 %
% Nitrobenzene-d5	64				%	1	12/07/22	WB	30 - 130 %
% Terphenyl-d14	70				%	1	12/07/22	WB	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference

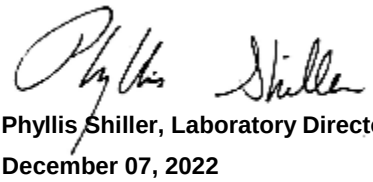
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Semi-Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

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
December 07, 2022
Official Report Release To Follow

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

Analysis Report

December 07, 2022

FOR: Attn: Xin Yuan
Impact Consulting
170 Keyland Court
Bohemia NY 11716

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	MK	12/06/22	
Location Code:	IMPACT-IEC	Received by:	CP	12/06/22	17:51
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:	15015				

Laboratory Data

SDG ID: GCM98531
Phoenix ID: CM98563

Project ID: 27-09 40TH AVE
Client ID: SB-106 EP (5`)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	95			%		12/06/22	Q	SW846-%Solid
Soil Extraction for SVOA PAH	Completed					12/06/22	/MO/M	SW3546
Benzo(a) pyrene	ND	200	110	ug/kg	1	12/07/22	WB	SW8270D

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

Comments:

Semi-Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

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
December 07, 2022
Official Report Release To Follow

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

Analysis Report

December 07, 2022

FOR: Attn: Xin Yuan
Impact Consulting
170 Keyland Court
Bohemia NY 11716

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	MK	12/06/22	
Location Code:	IMPACT-IEC	Received by:	CP	12/06/22	17:51
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:	15015				

Laboratory Data

SDG ID: GCM98531
Phoenix ID: CM98565

Project ID: 27-09 40TH AVE
Client ID: SB-106 EP (7`)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	94			%		12/06/22	Q	SW846-%Solid
Soil Extraction for SVOA PAH	Completed					12/06/22	/MO/M	SW3546
Benzo(a) pyrene	ND	200	110	ug/kg	1	12/07/22	WB	SW8270D

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

Comments:

Semi-Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

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
December 07, 2022
Official Report Release To Follow

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

Analysis Report

December 07, 2022

FOR: Attn: Xin Yuan
Impact Consulting
170 Keyland Court
Bohemia NY 11716

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	MK	12/06/22	
Location Code:	IMPACT-IEC	Received by:	CP	12/06/22	17:51
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:	15015				

Laboratory Data

SDG ID: GCM98531
Phoenix ID: CM98567

Project ID: 27-09 40TH AVE
Client ID: SB-106 NE 5 (5-7`)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	96			%		12/06/22	Q	SW846-%Solid
Soil Extraction for SVOA PAH	Completed					12/06/22	/MO/M	SW3546
Benzo(a) pyrene	ND	200	110	ug/kg	1	12/07/22	WB	SW8270D

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

Comments:

Semi-Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

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
December 07, 2022
Official Report Release To Follow

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

Analysis Report

December 07, 2022

FOR: Attn: Xin Yuan
Impact Consulting
170 Keyland Court
Bohemia NY 11716

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	MK	12/06/22	
Location Code:	IMPACT-IEC	Received by:	CP	12/06/22	17:51
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:	15015				

Laboratory Data

SDG ID: GCM98531
Phoenix ID: CM98569

Project ID: 27-09 40TH AVE
Client ID: SB-106 W 5 (5-7`)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	92			%		12/06/22	Q	SW846-%Solid
Soil Extraction for SVOA PAH	Completed					12/06/22	H/MO/M	SW3546
Benzo(a) pyrene	ND	200	120	ug/kg	1	12/07/22	WB	SW8270D

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

Comments:

Semi-Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

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
December 07, 2022
Official Report Release To Follow

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

Analysis Report

December 07, 2022

FOR: Attn: Xin Yuan
Impact Consulting
170 Keyland Court
Bohemia NY 11716

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	MK	12/06/22	
Location Code:	IMPACT-IEC	Received by:	CP	12/06/22	17:51
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:	15015				

Laboratory Data

SDG ID: GCM98531
Phoenix ID: CM98572

Project ID: 27-09 40TH AVE
Client ID: SB-106 S 10 (5-7`)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	93			%		12/06/22	Q	SW846-%Solid
Soil Extraction for SVOA PAH	Completed					12/06/22	H/MO/M	SW3546
Benzo(a) pyrene	ND	200	120	ug/kg	1	12/07/22	WB	SW8270D

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

Comments:

Semi-Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

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
December 07, 2022
Official Report Release To Follow

Sample Criteria Exceedances Report

GCM98531 - IMPACT-IEC

Criteria: NJ: IGWSS, RC; NY: 375; PA: CLNF, REGF

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CM98531	BENZOAPSM	Benzo(a) pyrene	NJ / Impact To Ground Water / Soil Screen Levels	940	260	200	200	ug/kg
CM98531	BENZOAPSM	Benzo(a) pyrene	NJ / Soil Remediation Standard / Res. Direct Contact	940	260	500	200	ug/kg
CM98531	BENZOAPSM	Benzo(a) pyrene	NJ / Soil Remediation Standard / Res. Ingestion-Dermal	940	260	510	510	ug/kg
CM98531	PB-SMDP	Lead	NJ / Impact To Ground Water / Soil Screen Levels	1120	7.1	90	59	mg/Kg
CM98531	PB-SMDP	Lead	NJ / Soil Remediation Standard / Res. Direct Contact	1120	7.1	400	1	mg/Kg
CM98531	PB-SMDP	Lead	NJ / Soil Remediation Standard / Res. Ingestion-Dermal	1120	7.1	400	400	mg/Kg
CM98531	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	1120	7.1	63	63	mg/Kg
CM98531	PB-SMDP	Lead	PA / Clean Fill Limits / Metals & Inorganics	1120	7.1	450	450	mg/Kg
CM98531	PB-SMDP	Lead	PA / Reg Fill Limits GP-1a / Metals & Inorganics	1120	7.1	450	450	mg/Kg
CM98533	BENZOAPSM	Benzo(a) pyrene	NJ / Impact To Ground Water / Soil Screen Levels	1400	260	200	200	ug/kg
CM98533	BENZOAPSM	Benzo(a) pyrene	NJ / Soil Remediation Standard / Res. Direct Contact	1400	260	500	200	ug/kg
CM98533	BENZOAPSM	Benzo(a) pyrene	NJ / Soil Remediation Standard / Res. Ingestion-Dermal	1400	260	510	510	ug/kg
CM98533	BENZOAPSM	Benzo(a) pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1400	260	1000	1000	ug/kg
CM98533	PB-SMDP	Lead	NJ / Impact To Ground Water / Soil Screen Levels	188	7.2	90	59	mg/Kg
CM98533	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	188	7.2	63	63	mg/Kg
CM98535	BENZOAPSM	Benzo(a) pyrene	NJ / Impact To Ground Water / Soil Screen Levels	1900	270	200	200	ug/kg
CM98535	BENZOAPSM	Benzo(a) pyrene	NJ / Soil Remediation Standard / Res. Direct Contact	1900	270	500	200	ug/kg
CM98535	BENZOAPSM	Benzo(a) pyrene	NJ / Soil Remediation Standard / Res. Ingestion-Dermal	1900	270	510	510	ug/kg
CM98535	BENZOAPSM	Benzo(a) pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1900	270	1000	1000	ug/kg
CM98535	PB-SMDP	Lead	NJ / Impact To Ground Water / Soil Screen Levels	404	8.3	90	59	mg/Kg
CM98535	PB-SMDP	Lead	NJ / Soil Remediation Standard / Res. Direct Contact	404	8.3	400	1	mg/Kg
CM98535	PB-SMDP	Lead	NJ / Soil Remediation Standard / Res. Ingestion-Dermal	404	8.3	400	400	mg/Kg
CM98535	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	404	8.3	63	63	mg/Kg
CM98537	BENZOAPSM	Benzo(a) pyrene	NJ / Impact To Ground Water / Soil Screen Levels	6300	260	200	200	ug/kg
CM98537	BENZOAPSM	Benzo(a) pyrene	NJ / Soil Remediation Standard / Res. Direct Contact	6300	260	500	200	ug/kg
CM98537	BENZOAPSM	Benzo(a) pyrene	NJ / Soil Remediation Standard / Res. Ingestion-Dermal	6300	260	510	510	ug/kg
CM98537	BENZOAPSM	Benzo(a) pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	6300	260	1000	1000	ug/kg
CM98537	BENZOAPSM	Benzo(a) pyrene	PA / Clean Fill Limits / Organics	6300	260	4200	4200	ug/kg
CM98537	PB-SMDP	Lead	NJ / Impact To Ground Water / Soil Screen Levels	414	7.6	90	59	mg/Kg
CM98537	PB-SMDP	Lead	NJ / Soil Remediation Standard / Res. Direct Contact	414	7.6	400	1	mg/Kg
CM98537	PB-SMDP	Lead	NJ / Soil Remediation Standard / Res. Ingestion-Dermal	414	7.6	400	400	mg/Kg
CM98537	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	414	7.6	63	63	mg/Kg
CM98541	BENZOAPSM	Benzo(a) pyrene	NJ / Impact To Ground Water / Soil Screen Levels	430	250	200	200	ug/kg
CM98545	BENZOAPSM	Benzo(a) pyrene	NJ / Impact To Ground Water / Soil Screen Levels	330	250	200	200	ug/kg
CM98547	BENZOAPSM	Benzo(a) pyrene	NJ / Impact To Ground Water / Soil Screen Levels	370	270	200	200	ug/kg
CM98549	BENZOAPSM	Benzo(a) pyrene	NJ / Impact To Ground Water / Soil Screen Levels	570	260	200	200	ug/kg

Sample Criteria Exceedances Report

GCM98531 - IMPACT-IEC

Criteria: NJ: IGWSS, RC; NY: 375; PA: CLNF, REGF

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CM98549	BENZOAPSM	Benzo(a) pyrene	NJ / Soil Remediation Standard / Res. Direct Contact	570	260	500	200	ug/kg
CM98549	BENZOAPSM	Benzo(a) pyrene	NJ / Soil Remediation Standard / Res. Ingestion-Dermal	570	260	510	510	ug/kg
CM98551	BENZOAPSM	Benzo(a) pyrene	NJ / Impact To Ground Water / Soil Screen Levels	1500	280	200	200	ug/kg
CM98551	BENZOAPSM	Benzo(a) pyrene	NJ / Soil Remediation Standard / Res. Direct Contact	1500	280	500	200	ug/kg
CM98551	BENZOAPSM	Benzo(a) pyrene	NJ / Soil Remediation Standard / Res. Ingestion-Dermal	1500	280	510	510	ug/kg
CM98551	BENZOAPSM	Benzo(a) pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1500	280	1000	1000	ug/kg
CM98553	BENZOAPSM	Benzo(a) pyrene	NJ / Impact To Ground Water / Soil Screen Levels	1600	270	200	200	ug/kg
CM98553	BENZOAPSM	Benzo(a) pyrene	NJ / Soil Remediation Standard / Res. Direct Contact	1600	270	500	200	ug/kg
CM98553	BENZOAPSM	Benzo(a) pyrene	NJ / Soil Remediation Standard / Res. Ingestion-Dermal	1600	270	510	510	ug/kg
CM98553	BENZOAPSM	Benzo(a) pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1600	270	1000	1000	ug/kg
CM98555	$8100SMRDP	Benzo(a)pyrene	NJ / Impact To Ground Water / Soil Screen Levels	490	380	200	200	ug/Kg
CM98555	PB-SMDP	Lead	NJ / Impact To Ground Water / Soil Screen Levels	305	7.8	90	59	mg/Kg
CM98555	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	305	7.8	63	63	mg/Kg
CM98557	$8100SMRDP	Benz(a)anthracene	NJ / Impact To Ground Water / Soil Screen Levels	1400	390	800	500	ug/Kg
CM98557	$8100SMRDP	Benzo(a)pyrene	NJ / Impact To Ground Water / Soil Screen Levels	1600	390	200	200	ug/Kg
CM98557	$8100SMRDP	Benzo(a)pyrene	NJ / Soil Remediation Standard / Res. Direct Contact	1600	390	500	200	ug/Kg
CM98557	$8100SMRDP	Benzo(a)pyrene	NJ / Soil Remediation Standard / Res. Ingestion-Dermal	1600	390	510	510	ug/Kg
CM98557	$8100SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1600	390	1000	1000	ug/Kg
CM98557	$8100SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1800	390	1000	1000	ug/Kg
CM98557	$8100SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1300	390	1000	1000	ug/Kg
CM98557	$8100SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1000	390	500	500	ug/Kg
CM98557	$8100SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1400	390	1000	1000	ug/Kg
CM98557	PB-SMDP	Lead	NJ / Impact To Ground Water / Soil Screen Levels	201	7.7	90	59	mg/Kg
CM98557	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	201	7.7	63	63	mg/Kg
CM98559	$8100SMRDP	Benzo(a)pyrene	NJ / Impact To Ground Water / Soil Screen Levels	730	380	200	200	ug/Kg
CM98559	$8100SMRDP	Benzo(a)pyrene	NJ / Soil Remediation Standard / Res. Direct Contact	730	380	500	200	ug/Kg
CM98559	$8100SMRDP	Benzo(a)pyrene	NJ / Soil Remediation Standard / Res. Ingestion-Dermal	730	380	510	510	ug/Kg
CM98559	PB-SMDP	Lead	NJ / Impact To Ground Water / Soil Screen Levels	654	7.2	90	59	mg/Kg
CM98559	PB-SMDP	Lead	NJ / Soil Remediation Standard / Res. Direct Contact	654	7.2	400	1	mg/Kg
CM98559	PB-SMDP	Lead	NJ / Soil Remediation Standard / Res. Ingestion-Dermal	654	7.2	400	400	mg/Kg
CM98559	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	654	7.2	63	63	mg/Kg
CM98559	PB-SMDP	Lead	PA / Clean Fill Limits / Metals & Inorganics	654	7.2	450	450	mg/Kg
CM98559	PB-SMDP	Lead	PA / Reg Fill Limits GP-1a / Metals & Inorganics	654	7.2	450	450	mg/Kg
CM98561	$8100SMRDP	Benz(a)anthracene	NJ / Impact To Ground Water / Soil Screen Levels	1300	380	800	500	ug/Kg
CM98561	$8100SMRDP	Benzo(a)pyrene	NJ / Impact To Ground Water / Soil Screen Levels	1500	380	200	200	ug/Kg
CM98561	$8100SMRDP	Benzo(a)pyrene	NJ / Soil Remediation Standard / Res. Direct Contact	1500	380	500	200	ug/Kg
CM98561	$8100SMRDP	Benzo(a)pyrene	NJ / Soil Remediation Standard / Res. Ingestion-Dermal	1500	380	510	510	ug/Kg

Sample Criteria Exceedances Report

GCM98531 - IMPACT-IEC

Criteria: NJ: IGWSS, RC; NY: 375; PA: CLNF, REGF

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CM98561	$8100SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1500	380	1000	1000	ug/Kg
CM98561	$8100SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	2000	380	1000	1000	ug/Kg
CM98561	$8100SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1300	380	1000	1000	ug/Kg
CM98561	$8100SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1200	380	500	500	ug/Kg
CM98561	$8100SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1300	380	1000	1000	ug/Kg
CM98561	PB-SMDP	Lead	NJ / Impact To Ground Water / Soil Screen Levels	115	0.7	90	59	mg/Kg
CM98561	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	115	0.7	63	63	mg/Kg

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.

CHAIN OF CUSTODY

IMPACT ENVIRONMENTAL
170 Keyland Court, Bohemia, New York 11716
(Tel.) 631-269-8800 (Fax) 631-269-1599

Page 1 of 5

ICL ☐ ISW ☐
IEC ☒ SGC ☐
IM ☐

LAB NAME: Phoenix

RECEIVED DATE: 12/6/22

Client Information

Company Name: Impact Environmental
Address: 170 Keyland Court
City: Bohemia **State:** NY **Zip:** 11716
Project Contact: Xin Yuan
Phone #: 631-269-8800 **Fax #:** 631-269-1599
E-mail: XYuan@impactenvironmental.com

Project Information

Project Name: 27-09 40th AVE
Street:
City: Long Islan City **State:** NY **Zip:**
Project #: 15015
Sampler's Name: Matt Kutch
Sampler's Signature:

Analytical Information

Impact Analytical Package A*
Impact Analytical Package B**
Impact Analytical Package C***
VOC 8260 (Analyte List for NY Part 375 and NJ NRDCC)
GP82 Analysis
VOCs 8260 (CP51 Analyte List)
BaP & Lead
BaP

Matrix Codes

L - Liquid
S - Soil
A - Air
OL - Oil
W - Wipe
PC - Paint Chips
SL - Sludge
SD - Solid
DW- Drinking Water
DISS - Dissolved

Sample Type

G=Grab
C=Composite
B=Blank

LAB SAMPLE # (LAB USE ONLY)	Sample ID	IEC Project Code	Matrix Code	Sample Type	Sample Date	Time	Total # of bottles	Sample Containers: NONE or OTHER*	ICE	HCL	Methanol (USEPA 5035)	Sodium Bisulfate (EPA 5035)	BaP & Lead	BaP	(LAB USE ONLY)
	1 B-1EP(2')	15015	S	G	12/6		1						X		98531
	* B-1EP(3')			↓											98532
	3 B-1-NE5(0-2')			C									X		98533
	* B-1 NE10(0-2')														98534
	5 B-1 S5(0-2')												X		98535
	* B-1 S10(0-2')														98536
	7 B-1 W5 (0-2')												X		98537
	* B-1 W10(0-2')			↓											98538
	9 B-3 EP(2')			G										X	98539
	* B-3 EP(3')	↓	↓	G	↓		↓								98540

Turnaround Time (Business Days)

Standard Service
☐ Standard - 5 day
☐ Standard - 4 day
☒ Standard - 3 day

Rush Service
☐ 48 Hour *RUSH*
☐ 24 Hour *RUSH*

(LAB USE ONLY)
TAT Approved By / Date:

Data Deliverable Information

☐ Results Only (Level-1)
☐ Results plus Misc. QC (Level-2)
☐ Results plus ALL QC (Level-3)
☐ PA QC Package
☐ NJ QC Package (Level3NJ)
☐ CLP Category A (Level-2)
☐ CLP Category B (Level-4)
☐ ASP QC Package (Level-4)
☐ Other _____
☐ EDD Format_____
(EDD Formats: Excel, pdf, EQUIS, GIS, GISKey, SPDES, Ascii, TAGM, OENJ)

REFERENCES

*Package A (proprietary) - Priority Pollutants Metals, SVOCs, PCB/Pest and Herbicides - to match all NJ DCSRS & NY Part 375 parameters and dectection limits. **Package B (proprietary)-Same as Package A, plus TCLP Metals & Category II EPH. ***Package C (proprietary)- Same as Package B plus RCRA characteristics and Full TCLP

NOTES/COMMENTS:

* Hold

Sample custody must be documented below, each time samples change possession, with a signature, date, and time.

	Relinquished by Sampler:	Date / Time:	Received By:	Relinquished By:	Date / Time:	Received By:
1		12-6-22 900	1	2	12.6.22 17:5	2
3	Relinquished by:	Date / Time:	Received By:	Relinquished By:	Date / Time:	Received By:
			3	4	4	4
5	Relinquished by:	Date / Time:	Received By:	COOLER INFORMATION		
			5	Cooler Temp: 2.1	pH:_____	☐ On Ice ☐ Sample Receipt Discrepancy(attach information)

Form SS-2/Nov. 2013

CHAIN OF CUSTODY

IMPACT ENVIRONMENTAL
170 Keyland Court, Bohemia, New York 11716
(Tel.) 631-269-8800 (Fax) 631-269-1599

Page 2 of 5

ICL ☐ ISW ☐
IEC ☒ SGC ☐
IM ☐

LAB NAME: Phoenix

RECEIVED DATE: 12/6/22

Client Information

Company Name: Impact Environmental
Address: 170 Keyland Court
City: Bohemia **State:** NY **Zip:** 11716
Project Contact: Xin Yuan
Phone #: 631-269-8800 **Fax #:** 631-269-1599
E-mail: XYuan@impactenvironmental.com

Project Information

Project Name: 27-09 40th AVE
Street:
City: Long Island City **State:** NY **Zip:**
Project #: 15015
Sampler's Name: Matthew. Kutch
Sampler's Signature:

Analytical Information

Impact Analytical Package A*
Impact Analytical Package B**
Impact Analytical Package C***
VOC 8260 (Analyte List for NY Part 375 and NJ NRDCC)
GP82 Analysis
VOCs 8260 (CP51 Analyte List)
BaP

Matrix Codes

L - Liquid
S - Soil
A - Air
OL - Oil
W - Wipe
PC - Paint Chips
SL - Sludge
SD - Solid
DW- Drinking Water
DISS - Dissolved

Sample Type

G=Grab
C=Composite
B=Blank

LAB SAMPLE # (LAB USE ONLY)	Sample Information: Sample ID	IEC Project Code	Sample Collection: Matrix Code	Sample Type	Sample Date	Time	Sample Containers: Total # of bottles	NONE or OTHER*	ICE	HCL	Methanol (USEPA 5035)	Sodium Bisulfate (EPA 5035)	BaP	(LAB USE ONLY)
1	B-3 NE 5 (0-2')	15015	S	C	12/6		1						X	98541
2	*B-3 NE 10 (0-2'												X	98542
3	B-3 S 5 (0-2')													98543
4	*B-3 S 10 (0-2')												X	98544
5	B-3 W 5 (0-2')													98545
6	*B-3 W 10 (0-2')												X	98546
7	B-4 EP (2')			G										98547
8	*B-4 EP (3')			G									X	98548
9	B-4 NE 5 (0-2')			C										98549
10	*B-4 NE 10 (0-2')													98550

Turnaround Time (Business Days)

Standard Service
☐ Standard - 5 day
☐ Standard - 4 day
☒ Standard - 3 day

Rush Service
☐ 48 Hour *RUSH*
☐ 24 Hour *RUSH*

(LAB USE ONLY)
TAT Approved By / Date:

Data Deliverable Information

☐ Results Only (Level-1)
☐ Results plus Misc. QC (Level-2)
☐ Results plus ALL QC (Level-3)
☐ PA QC Package
☐ NJ QC Package (Level3NJ)
☐ CLP Category A (Level-2)
☐ CLP Category B (Level-4)
☐ ASP QC Package (Level-4)
☐ Other
☐ EDD Format

(EDD Formats: Excel, pdf, EQUIS, GIS, GISKey, SPDES, Ascii, TAGM, OENJ)

REFERENCES

*Package A (proprietary) - Priority Pollutants Metals, SVOCs, PCB/Pest and Herbicides - to match all NJ DCSRS & NY Part 375 parameters and dectection limits. **Package B (proprietary)-Same as Package A, plus TCLP Metals & Category II EPH. ***Package C (proprietary)- Same as Package B plus RCRA characteristics and Full TCLP

NOTES/COMMENTS:

* = Hold

Sample custody must be documented below, each time samples change possession, with a signature, date, and time.

Relinquished by Sampler: 1	Date / Time: 1 12/6 1755	Received By: 1	Relinquished By: 2	Date / Time: 2 12-6-22 17:51	Received By: 2
Relinquished by: 3	Date / Time: 3	Received By: 3	Relinquished By: 4	Date / Time: 4	Received By: 4
Relinquished by: 5	Date / Time: 5	Received By: 5	Cooler Temp: 2.1	pH:	☐ On Ice ☐ Sample Receipt Discrepancy(attach information)

Form SS-2/Nov. 2013

CHAIN OF CUSTODY

IMPACT ENVIRONMENTAL
170 Keyland Court, Bohemia, New York 11716
(Tel.) 631-269-8800 (Fax) 631-269-1599

ICL ☐ ISW ☐
IEC ☐ SGC ☐
IM ☐

LAB NAME: Phoenix

RECEIVED DATE: 12/6/22

Client Information

Company Name: Impact Environmental
Address: 170 Keyland Court
City: Bohemia **State:** NY **Zip:** 11716
Project Contact: Xin Yuan
Phone #: 631-269-8800 **Fax #:** 631-269-1599
E-mail: xyuan@impactenvironmental.com

Project Information

Project Name: 27-09 @ 40th Ave
Street: ↓ ↓ ↓
City: Long Island City **State:** NY **Zip:**
Project #: 15015
Sampler's Name: Matthew Kutch
Sampler's Signature:

Analytical Information

Impact Analytical Package A* | Impact Analytical Package B** | Impact Analytical Package C*** | VOC 8260 (Analyte List for NY Part 375 and NJ NRDCC) | GP82 Analysis | VOCs 8260 (CP51 Analyte List) | BaP | BaP, Dah A, Lead

Matrix Codes

L - Liquid
S - Soil
A - Air
OL - Oil
W - Wipe
PC - Paint Chips
SL - Sludge
SD - Solid
DW- Drinking Water
DISS - Dissolved

Sample Type

G=Grab
C=Composite
B=Blank

LAB SAMPLE # (LAB USE ONLY)	Sample Information: Sample ID	IEC Project Code	Sample Collection: Matrix Code	Sample Type	Sample Date	Time	Sample Containers: Number of Each Preserved Bottle: Total # of bottles	NONE or OTHER*	ICE	HCL	Methanol (USEPA 5035)	Sodium Bisulfate (EPA 5035)	(LAB USE ONLY)
1	B-4 S5 (0-2')	15015	S	C	12/6		1						98557
*	B-4 S10 (0-2')		S										98552
3	B-4 W5 (0-2')		S										98553
*	B-4 W10 (0-2')		S										98554
5	B-B EP (2')		S	G									98555
*	B-B EP (3')		S										98556
7	B-B NE5 (0-2')		S	C									98557
*	B-B NE10 (0-2')		S										98558
9	B-B S5 (0-2')		S										98559
*	B-B S10 (0-2')		S										98560

Turnaround Time (Business Days)

Standard Service

- ☐ Standard - 5 day
- ☐ Standard - 4 day
- ☒ Standard - 3 day

Rush Service

- ☐ 48 Hour *RUSH*
- ☐ 24 Hour *RUSH*

(LAB USE ONLY)
TAT Approved By / Date:

Data Deliverable Information

- ☐ Results Only (Level-1)
- ☐ Results plus Misc. QC (Level-2)
- ☐ Results plus ALL QC (Level-3)
- ☐ PA QC Package
- ☐ NJ QC Package (Level3NJ)
- ☐ CLP Category A (Level-2)
- ☐ CLP Category B (Level-4)
- ☐ ASP QC Package (Level-4)
- ☐ Other _____
- ☐ EDD Format_____

(EDD Formats: Excel, pdf, EQUIS, GIS, GISKey, SPDES, Ascii, TAGM, OENJ)

REFERENCES

*Package A (proprietary) - Priority Pollutants Metals, SVOCs, PCB/Pest and Herbicides - to match all NJ DCSRS & NY Part 375 parameters and dectection limits. **Package B (proprietary)-Same as Package A, plus TCLP Metals & Category II EPH. ***Package C (proprietary)- Same as Package B plus RCRA characteristics and Full TCLP

NOTES/COMMENTS:

* = hold

Sample custody must be documented below, each time samples change possession, with a signature, date, and time.

	Relinquished by Sampler:	Date / Time:	Received By:	Relinquished By:	Date / Time:	Received By:
1		12-6-22 1855	1	2	12.6.22 17:5	2
3	Relinquished by:	Date / Time:	Received By:	Relinquished By:	Date / Time:	Received By:
			3	4	4	4
5	Relinquished by:	Date / Time:	Received By:	COOLER INFORMATION		
			5	Cooler Temp: 2.1	pH:_____	☐ On Ice ☐ Sample Receipt Discrepancy(attach information)

CHAIN OF CUSTODY

IMPACT ENVIRONMENTAL
170 Keyland Court, Bohemia, New York 11716
(Tel.) 631-269-8800 (Fax) 631-269-1599

Page 5 of 5

ICL ☐ ISW ☐
IEC ☒ SGC ☐
IM ☐

LAB NAME: Phoenix

RECEIVED DATE: 12/6/22

Client Information

Company Name: Impact Environmental
Address: 170 Keyland Court
City: Bohemia **State:** NY **Zip:** 11716
Project Contact: Xin Yuan
Phone #: 631-269-8800 **Fax #:** 631-269-1599
E-mail: XYuan@Impactenvironmental.com

Project Information

Project Name: 27-09 40th AVE
Street: ↓
City: Long Island City **State:** NY **Zip:** ↓
Project #: 15015
Sampler's Name: Matthew Kutch
Sampler's Signature: [signature]

Sample Information / Sample Collection / Sample Containers / Analytical Information

LAB SAMPLE # (LAB USE ONLY)	Sample ID	IEC Project Code	Matrix Code	Sample Type	Sample Date	Time	Total # of bottles	NONE or OTHER*	ICE	HCL	Methanol (USEPA 5035)	Sodium Bisulfate (EPA 5035)	Impact Analytical Package A*	Impact Analytical Package B**	Impact Analytical Package C***	VOC 8260 (Analyte List for NY Part 375 and NJ NRDCC)	GP82 Analysis	VOCs 8260 (CPS1 Analyte List)	BaP						(LAB USE ONLY)
	1 SB-10655(5-7')	15015	S	C	12/6		1												X						98571
	2 SB-10510(5-7')	↓	↓	↓	↓		↓												X						98572
	3																								
	4																								
	5																								
	6																								
	7																								
	8																								
	9																								
	10																								

Matrix Codes

L - Liquid
S - Soil
A - Air
OL - Oil
W - Wipe
PC - Paint Chips
SL - Sludge
SD - Solid
DW- Drinking Water
DISS - Dissolved

Sample Type

G=Grab
C=Composite
B=Blank

Turnaround Time (Business Days)

Standard Service
- ☐ Standard - 5 day
- ☐ Standard - 4 day
- ☒ Standard - 3 day

Rush Service
- ☐ 48 Hour *RUSH*
- ☐ 24 Hour *RUSH*

(LAB USE ONLY)
TAT Approved By / Date:

Data Deliverable Information

- ☐ Results Only (Level-1)
- ☐ Results plus Misc. QC (Level-2)
- ☐ Results plus ALL QC (Level-3)
- ☐ PA QC Package
- ☐ NJ QC Package (Level3NJ)
- ☐ CLP Category A (Level-2)
- ☐ CLP Category B (Level-4)
- ☐ ASP QC Package (Level-4)
- ☐ Other _____
- ☐ EDD Format_____

(EDD Formats: Excel, pdf, EQUIS, GIS, GISKey, SPDES, Ascii, TAGM, OENJ)

REFERENCES

*Package A (proprietary) - Priority Pollutants Metals, SVOCs, PCB/Pest and Herbicides - to match all NJ DCSRS & NY Part 375 parameters and dectection limits. **Package B (proprietary)-Same as Package A, plus TCLP Metals & Category II EPH. ***Package C (proprietary)- Same as Package B plus RCRA characteristics and Full TCLP

NOTES/COMMENTS:

* = Hold

Sample custody must be documented below, each time samples change possession, with a signature, date, and time.

Relinquished by Sampler:	Date / Time:	Received By:	Relinquished By:	Date / Time:	Received By:
1 [signature]	1 12-6-22 155	1 [signature]	2 [signature]	2 12.6.22 17:51	2 [signature]
Relinquished by:	Date / Time:	Received By:	Relinquished By:	Date / Time:	Received By:
3	3	3	4	4	4
Relinquished by:	Date / Time:	Received By:	COOLER INFORMATION		
5	5	5	Cooler Temp: 1.9	pH:_____	☐ On Ice ☐ Sample Receipt Discrepancy(attach information)

Form SS-2/Nov. 2013

CHAIN OF CUSTODY

IMPACT ENVIRONMENTAL
170 Keyland Court, Bohemia, New York 11716
(Tel.) 631-269-8800 (Fax) 631-269-1599

Page 4 of 5

ICL ☐ ISW ☐
IEC ☒ SGC ☐
IM ☐

LAB NAME: Phoenix

RECEIVED DATE: 12/6/22

Client Information

Company Name: Impact Environmental
Address: 170 Keyland Court
City: Bohemia **State:** NY **Zip:** 11716
Project Contact: Xin Yuan
Phone #: 631-269-8800 **Fax #:** 631-269-1599
E-mail: xyuan@impactenvironmental.com

Project Information

Project Name: 27-09 40th AVE
Street: ↓
City: ~~Astoria~~ Long Island City **State:** NY **Zip:** ↓
Project #: 15015
Sampler's Name: Matthew Kutch
Sampler's Signature:

Analytical Information

Impact Analytical Package A*	Impact Analytical Package B**	Impact Analytical Package C***	VOC 8260 (Analyte List for NY Part 375 and NJ NRDCC)	GP82 Analysis	VOCs 8260 (CP51 Analyte List)	BaP, Dahl, Lead	BaP					
						X						
						~~X~~	X					
						~~X~~	X					
							X					
							X					

Matrix Codes

L - Liquid
S - Soil
A - Air
OL - Oil
W - Wipe
PC - Paint Chips
SL - Sludge
SD - Solid
DW- Drinking Water
DISS - Dissolved

Sample Type

G=Grab
C=Composite
B=Blank

Sample Information / Sample Collection / Sample Containers

LAB SAMPLE # (LAB USE ONLY)	Sample ID	IEC Project Code	Matrix Code	Sample Type	Sample Date	Time	Total # of bottles	NONE or OTHER*	ICE	HCL	Methanol (USEPA 5035)	Sodium Bisulfate (EPA 5035)	(LAB USE ONLY)
	1 B-BW5(0-2')	15015	S	C	12/6		1						98561
	* B-BW10(0-2')			↓									98562
	3 SB-106 EP(~~5~~ 5')			g									98563
	* SB-106 EP(4')			g									98564
	5 SB-106 EP(7')			g									98565
	* SB-106 EP(8')			g									98566
	7 SB-106 NE5(5-7')			C									98567
	* SB-106 NE10(5-7')												98568
	9 SB-106 W5 (5-7')												98569
	* SB-106 W10 (5-7')	↓	↓	↓	↓		↓						98570

Turnaround Time (Business Days)

Standard Service
☐ Standard - 5 day
☐ Standard - 4 day
☒ Standard - 3 day

Rush Service
☐ 48 Hour *RUSH*
☐ 24 Hour *RUSH*

(LAB USE ONLY)
TAT Approved By / Date:

Data Deliverable Information

☐ Results Only (Level-1)
☐ Results plus Misc. QC (Level-2)
☐ Results plus ALL QC (Level-3)
☐ PA QC Package
☐ NJ QC Package (Level3NJ)
☐ CLP Category A (Level-2)
☐ CLP Category B (Level-4)
☐ ASP QC Package (Level-4)
☐ Other _____
☐ EDD Format _____

(EDD Formats: Excel, pdf, EQUIS, GIS, GISKey, SPDES, Ascii, TAGM, OENJ)

REFERENCES

*Package A (proprietary) - Priority Pollutants Metals, SVOCs, PCB/Pest and Herbicides - to match all NJ DCSRS & NY Part 375 parameters and dectection limits. **Package B (proprietary)-Same as Package A, plus TCLP Metals & Category II EPH. ***Package C (proprietary)- Same as Package B plus RCRA characteristics and Full TCLP

NOTES/COMMENTS:

* = ~~Hold~~ Hold

Sample custody must be documented below, each time samples change possession, with a signature, date, and time.

Relinquished by Sampler: 1	Date / Time: 12-6-22 1555	Received By: 1	Relinquished By: 2	Date / Time: 12.6.22 17:51	Received By: 2
Relinquished by: 3	Date / Time: 3	Received By: 3	Relinquished By: 4	Date / Time: 4	Received By: 4
Relinquished by: 5	Date / Time: 5	Received By: 5			

COOLER INFORMATION
Cooler Temp: 2.1 pH: _____ ☐ On Ice ☐ Sample Receipt Discrepancy(attach information)

Form SS-2/Nov. 2013

APPENDIX D

Hotspot Excavation Endpoint Sampling 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: 03/15/2023
Client Project ID: 27-09 40th Ave, LIC, NY 19-401.3
York Project (SDG) No.: 23C0335

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

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: 03/15/2023
Client Project ID: 27-09 40th Ave, LIC, NY 19-401.3
York Project (SDG) No.: 23C0335

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 March 07, 2023 and listed below. The project was identified as your project: **27-09 40th Ave, LIC, NY 19-401.3**.

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
23C0335-01	Q1-EP 1	Soil	03/06/2023	03/07/2023
23C0335-02	Q1-EP 2	Soil	03/06/2023	03/07/2023
23C0335-03	Q1-EP 3	Soil	03/06/2023	03/07/2023
23C0335-04	Q2-EP 1	Soil	03/06/2023	03/07/2023
23C0335-05	Q2-EP 2	Soil	03/06/2023	03/07/2023
23C0335-06	Q2-EP 3	Soil	03/06/2023	03/07/2023
23C0335-07	Q2-EP 4	Soil	03/06/2023	03/07/2023
23C0335-08	Q3-EP 1	Soil	03/06/2023	03/07/2023
23C0335-09	Q3-EP 2	Soil	03/06/2023	03/07/2023
23C0335-10	Q3-EP 3	Soil	03/06/2023	03/07/2023
23C0335-11	Q4-EP 1	Soil	03/06/2023	03/07/2023
23C0335-12	Q4-EP 2	Soil	03/06/2023	03/07/2023
23C0335-13	Q5-EP 1	Soil	03/06/2023	03/07/2023
23C0335-14	Q5-EP 2	Soil	03/06/2023	03/07/2023
23C0335-15	Q5-EP 3	Soil	03/06/2023	03/07/2023
23C0335-16	Q5-EP 4	Soil	03/06/2023	03/07/2023
23C0335-17	Q6-EP 1	Soil	03/06/2023	03/07/2023
23C0335-18	Q6-EP 2	Soil	03/06/2023	03/07/2023
23C0335-19	Q6-EP 3	Soil	03/06/2023	03/07/2023
23C0335-20	Dupe	Soil	03/06/2023	03/07/2023
23C0335-21	Trip Blank	Water	03/06/2023	03/07/2023

General Notes for York Project (SDG) No.: 23C0335

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

Approved By:  **Date:** 03/15/2023

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: Q1-EP 1 **York Sample ID:** 23C0335-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 11:20 am	03/07/2023

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
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/09/2023 07:02	03/09/2023 12:06	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/09/2023 07:02	03/09/2023 12:06	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/09/2023 07:02	03/09/2023 12:06	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/09/2023 07:02	03/09/2023 12:06	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/09/2023 07:02	03/09/2023 12:06	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/09/2023 07:02	03/09/2023 12:06	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/09/2023 07:02	03/09/2023 12:06	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/09/2023 07:02	03/09/2023 12:06	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/09/2023 07:02	03/09/2023 12:06	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.053	0.11	1	EPA 8260C Certifications:	03/09/2023 07:02	03/09/2023 12:06	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/09/2023 07:02	03/09/2023 12:06	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	**Acetone**	**0.019**	CCVE, ICVE	mg/kg dry	0.0053	0.011	1	EPA 8260C Certifications:	03/09/2023 07:02	03/09/2023 12:06	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/09/2023 07:02	03/09/2023 12:06	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/09/2023 07:02	03/09/2023 12:06	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/09/2023 07:02	03/09/2023 12:06	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/09/2023 07:02	03/09/2023 12:06	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/09/2023 07:02	03/09/2023 12:06	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/09/2023 07:02	03/09/2023 12:06	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/09/2023 07:02	03/09/2023 12:06	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-09-2	Methylene chloride	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C Certifications:	03/09/2023 07:02	03/09/2023 12:06	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
91-20-3	Naphthalene	ND		mg/kg dry	0.0027	0.011	1	EPA 8260C Certifications:	03/09/2023 07:02	03/09/2023 12:06	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/09/2023 07:02	03/09/2023 12:06	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: Q1-EP 1 **York Sample ID:** 23C0335-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 11:20 am	03/07/2023

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
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:06	BMC
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/09/2023 12:06	BMC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/09/2023 12:06	BMC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:06	BMC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:06	BMC
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:06	BMC
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:06	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:06	BMC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:06	BMC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:06	BMC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0080	0.016	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	03/09/2023 12:06	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*115 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*107 %*	*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
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 11:08	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 11:08	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 11:08	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 11:08	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 11:08	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 11:08	KH

Sample Information

Client Sample ID: Q1-EP 1 **York Sample ID:** 23C0335-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 11:20 am	03/07/2023

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 11:08	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 11:08	KH
191-24-2	Benzo(g,h,i)perylene	ND	CCVE	mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 11:08	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 11:08	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 11:08	KH
53-70-3	Dibenzo(a,h)anthracene	ND	CCVE	mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 11:08	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 11:08	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 11:08	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33 NELAC-NY10854,NJDEP,PADEP	03/10/2023 11:08	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 11:08	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 11:08	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 11:08	KH
87-86-5	Pentachlorophenol	ND	CAL-E, CCVE	mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 11:08	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 11:08	KH
108-95-2	Phenol	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 11:08	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 11:08	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*65.8 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*62.6 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*74.2 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*69.4 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*83.7 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*86.6 %*	*24-116*

PEST, 8081 MASTER

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: **Q1-EP 1** **York Sample ID:** **23C0335-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 11:20 am	03/07/2023

PEST, 8081 MASTER

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	0.00182	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 23:09	BJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 23:09	BJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 23:09	BJ
309-00-2	Aldrin	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 23:09	BJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 23:09	BJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	03/08/2023 22:40 NELAC-NY10854,NJDEP	03/10/2023 23:09	BJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 23:09	BJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 23:09	BJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 23:09	BJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 23:09	BJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854	03/10/2023 23:09	BJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 23:09	BJ
72-20-8	Endrin	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 23:09	BJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 23:09	BJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 23:09	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*92.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*68.1 %*	*30-150*

PCB, 8082 MASTER

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	0.0183	1	EPA 8082A Certifications:	03/08/2023 22:40 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	03/10/2023 18:41	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications:	03/08/2023 22:40 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	03/10/2023 18:41	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications:	03/08/2023 22:40 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	03/10/2023 18:41	BJ

Sample Information

Client Sample ID: Q1-EP 1 **York Sample ID:** 23C0335-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 11:20 am	03/07/2023

PCB, 8082 MASTER

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	0.0183	1	EPA 8082A Certifications:	03/08/2023 22:40 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	03/10/2023 18:41	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications:	03/08/2023 22:40 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	03/10/2023 18:41	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications:	03/08/2023 22:40 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	03/10/2023 18:41	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications:	03/08/2023 22:40 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	03/10/2023 18:41	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications:	03/08/2023 22:40	03/10/2023 18:41	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*76.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*76.5 %*	*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
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0222	1	EPA 8151A Certifications:	03/08/2023 08:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/09/2023 17:46	BJ-

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*61.8 %*	*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	ND		mg/kg dry	1.40	1	EPA 6010D Certifications:	03/10/2023 13:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/12/2023 17:13	CW
7440-39-3	**Barium**	**38.8**		mg/kg dry	2.33	1	EPA 6010D Certifications:	03/10/2023 13:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/12/2023 17:13	CW
7440-41-7	**Beryllium**	**0.254**		mg/kg dry	0.047	1	EPA 6010D Certifications:	03/10/2023 13:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/12/2023 17:13	CW
7440-43-9	Cadmium	ND		mg/kg dry	0.280	1	EPA 6010D Certifications:	03/10/2023 13:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/12/2023 17:13	CW
7440-47-3	**Chromium**	**15.2**		mg/kg dry	0.467	1	EPA 6010D Certifications:	03/10/2023 13:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/12/2023 17:13	CW
7440-50-8	**Copper**	**16.7**		mg/kg dry	1.87	1	EPA 6010D Certifications:	03/10/2023 13:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/12/2023 17:13	CW
7439-92-1	**Lead**	**5.74**		mg/kg dry	0.467	1	EPA 6010D Certifications:	03/10/2023 13:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/12/2023 17:13	CW

Sample Information

Client Sample ID: Q1-EP 1 **York Sample ID:** 23C0335-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 11:20 am	03/07/2023

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**	**300**		mg/kg dry	0.467	1	EPA 6010D	03/10/2023 13:54	03/12/2023 17:13	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**13.6**		mg/kg dry	0.929	1	EPA 6010D	03/10/2023 13:54	03/12/2023 17:13	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.33	1	EPA 6010D	03/10/2023 13:54	03/12/2023 17:13	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.470	1	EPA 6010D	03/10/2023 13:54	03/12/2023 17:13	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**33.7**		mg/kg dry	2.32	1	EPA 6010D	03/10/2023 13:54	03/12/2023 17:13	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0336	1	EPA 7473	03/10/2023 09:40	03/10/2023 13:27	BML
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

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	0.560	1	EPA 7196A	03/08/2023 14:47	03/08/2023 19:53	SMK
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

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**	**15.2**		mg/kg	0.500	1	Calculation	03/15/2023 10:35	03/15/2023 11:10	VR
							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	0.560	1	EPA 9014/9010C	03/08/2023 14:34	03/08/2023 19:26	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

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: Q1-EP 1 **York Sample ID:** 23C0335-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 11:20 am	03/07/2023

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.3**		%	0.100	1	SM 2540G	03/09/2023 10:36	03/09/2023 15:32	sgs
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: Q1-EP 2 **York Sample ID:** 23C0335-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 11:30 am	03/07/2023

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
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	03/09/2023 07:02	03/09/2023 12:31	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	03/09/2023 07:02	03/09/2023 12:31	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	03/09/2023 07:02	03/09/2023 12:31	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	03/09/2023 07:02	03/09/2023 12:31	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	03/09/2023 07:02	03/09/2023 12:31	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	03/09/2023 07:02	03/09/2023 12:31	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	03/09/2023 07:02	03/09/2023 12:31	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	03/09/2023 07:02	03/09/2023 12:31	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	03/09/2023 07:02	03/09/2023 12:31	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.057	0.11	1	EPA 8260C	03/09/2023 07:02	03/09/2023 12:31	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
78-93-3	2-Butanone	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	03/09/2023 07:02	03/09/2023 12:31	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
67-64-1	**Acetone**	**0.039**	CCVE, ICVE	mg/kg dry	0.0057	0.011	1	EPA 8260C	03/09/2023 07:02	03/09/2023 12:31	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA			
71-43-2	Benzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	03/09/2023 07:02	03/09/2023 12:31	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	03/09/2023 07:02	03/09/2023 12:31	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			

Sample Information

Client Sample ID: Q1-EP 2 **York Sample ID:** 23C0335-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 11:30 am	03/07/2023

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
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:31	BMC
67-66-3	Chloroform	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:31	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:31	BMC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:31	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:31	BMC
75-09-2	Methylene chloride	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:31	BMC
91-20-3	Naphthalene	ND		mg/kg dry	0.0028	0.011	1	EPA 8260C Certifications:	03/09/2023 07:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/09/2023 12:31	BMC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:31	BMC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:31	BMC
95-47-6	o-Xylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/09/2023 12:31	BMC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/09/2023 12:31	BMC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:31	BMC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:31	BMC
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:31	BMC
108-88-3	Toluene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:31	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:31	BMC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:31	BMC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:31	BMC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0085	0.017	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	03/09/2023 12:31	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*114 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*107 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: Q1-EP 2 **York Sample ID:** 23C0335-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 11:30 am	03/07/2023

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	Benzo(g,h,i)perylene	ND	CCVE	mg/kg dry	0.0472	0.0942	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	Dibenzo(a,h)anthracene	ND	CCVE	mg/kg dry	0.0472	0.0942	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:40 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
87-86-5	Pentachlorophenol	ND	CAL-E, CCVE	mg/kg dry	0.0472	0.0942	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
108-95-2	Phenol	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*66.3 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*59.4 %*	*23-114*

Sample Information

Client Sample ID: Q1-EP 2 **York Sample ID:** 23C0335-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 11:30 am	03/07/2023

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
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*62.9 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*62.1 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*74.4 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*93.0 %*			*24-116*						

PEST, 8081 MASTER

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	0.00183	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 23:28	BJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 23:28	BJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 23:28	BJ
309-00-2	Aldrin	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 23:28	BJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 23:28	BJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	03/08/2023 22:40 NELAC-NY10854,NJDEP	03/10/2023 23:28	BJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 23:28	BJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 23:28	BJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 23:28	BJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 23:28	BJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854	03/10/2023 23:28	BJ
1031-07-8	Endosulfan sulfate	ND	P	mg/kg dry	0.00183	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 23:28	BJ
72-20-8	Endrin	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 23:28	BJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 23:28	BJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 23:28	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*87.2 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*69.1 %*	*30-150*

Sample Information

Client Sample ID: Q1-EP 2 **York Sample ID:** 23C0335-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 11:30 am	03/07/2023

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0185	1	EPA 8082A	03/08/2023 22:40	03/10/2023 18:55	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0185	1	EPA 8082A	03/08/2023 22:40	03/10/2023 18:55	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0185	1	EPA 8082A	03/08/2023 22:40	03/10/2023 18:55	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0185	1	EPA 8082A	03/08/2023 22:40	03/10/2023 18:55	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0185	1	EPA 8082A	03/08/2023 22:40	03/10/2023 18:55	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0185	1	EPA 8082A	03/08/2023 22:40	03/10/2023 18:55	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0185	1	EPA 8082A	03/08/2023 22:40	03/10/2023 18:55	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0185	1	EPA 8082A	03/08/2023 22:40	03/10/2023 18:55	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*80.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*71.5 %*	*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
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0224	1	EPA 8151A	03/08/2023 08:54	03/09/2023 17:57	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*69.2 %*	*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	ND		mg/kg dry	1.43	1	EPA 6010D	03/10/2023 13:54	03/12/2023 17:15	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**47.2**		mg/kg dry	2.38	1	EPA 6010D	03/10/2023 13:54	03/12/2023 17:15	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**0.219**		mg/kg dry	0.048	1	EPA 6010D	03/10/2023 13:54	03/12/2023 17:15	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.286	1	EPA 6010D	03/10/2023 13:54	03/12/2023 17:15	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: Q1-EP 2 **York Sample ID:** 23C0335-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 11:30 am	03/07/2023

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**	**14.8**		mg/kg dry	0.477	1	EPA 6010D	03/10/2023 13:54	03/12/2023 17:15	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**21.9**		mg/kg dry	1.91	1	EPA 6010D	03/10/2023 13:54	03/12/2023 17:15	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**5.95**		mg/kg dry	0.477	1	EPA 6010D	03/10/2023 13:54	03/12/2023 17:15	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**278**		mg/kg dry	0.477	1	EPA 6010D	03/10/2023 13:54	03/12/2023 17:15	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**15.7**		mg/kg dry	0.950	1	EPA 6010D	03/10/2023 13:54	03/12/2023 17:15	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.38	1	EPA 6010D	03/10/2023 13:54	03/12/2023 17:15	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.481	1	EPA 6010D	03/10/2023 13:54	03/12/2023 17:15	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**37.4**		mg/kg dry	2.38	1	EPA 6010D	03/10/2023 13:54	03/12/2023 17:15	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0343	1	EPA 7473	03/10/2023 09:40	03/10/2023 13:34	BML
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

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	0.572	1	EPA 7196A	03/08/2023 14:47	03/08/2023 19:53	SMK
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

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**	**14.8**		mg/kg	0.500	1	Calculation	03/15/2023 10:35	03/15/2023 11:10	VR
							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	0.572	1	EPA 9014/9010C	03/08/2023 14:34	03/08/2023 19:26	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Sample Information

Client Sample ID: Q1-EP 2 **York Sample ID:** 23C0335-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 11:30 am	03/07/2023

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**	**87.4**		%	0.100	1	SM 2540G	03/09/2023 10:36	03/09/2023 15:32	sgs
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: Q1-EP 3 **York Sample ID:** 23C0335-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 11:35 am	03/07/2023

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
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	03/09/2023 07:02	03/09/2023 12:57	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	03/09/2023 07:02	03/09/2023 12:57	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	03/09/2023 07:02	03/09/2023 12:57	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	03/09/2023 07:02	03/09/2023 12:57	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	03/09/2023 07:02	03/09/2023 12:57	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	03/09/2023 07:02	03/09/2023 12:57	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	03/09/2023 07:02	03/09/2023 12:57	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	03/09/2023 07:02	03/09/2023 12:57	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	03/09/2023 07:02	03/09/2023 12:57	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.058	0.12	1	EPA 8260C	03/09/2023 07:02	03/09/2023 12:57	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
78-93-3	2-Butanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	03/09/2023 07:02	03/09/2023 12:57	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
67-64-1	**Acetone**	**0.031**	CCVE, ICVE	mg/kg dry	0.0058	0.012	1	EPA 8260C	03/09/2023 07:02	03/09/2023 12:57	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA			
71-43-2	Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	03/09/2023 07:02	03/09/2023 12:57	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	03/09/2023 07:02	03/09/2023 12:57	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			

Sample Information

Client Sample ID: Q1-EP 3 **York Sample ID:** 23C0335-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 11:35 am	03/07/2023

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
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:57	BMC
67-66-3	Chloroform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:57	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:57	BMC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:57	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:57	BMC
75-09-2	Methylene chloride	ND		mg/kg dry	0.0058	0.012	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:57	BMC
91-20-3	Naphthalene	ND		mg/kg dry	0.0029	0.012	1	EPA 8260C Certifications:	03/09/2023 07:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/09/2023 12:57	BMC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:57	BMC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:57	BMC
95-47-6	o-Xylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/09/2023 12:57	BMC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0058	0.012	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/09/2023 12:57	BMC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:57	BMC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:57	BMC
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:57	BMC
108-88-3	Toluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:57	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:57	BMC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:57	BMC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:57	BMC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0087	0.017	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	03/09/2023 12:57	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*114 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*107 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: Q1-EP 3 **York Sample ID:** 23C0335-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 11:35 am	03/07/2023

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	Benzo(g,h,i)perylene	ND	CCVE	mg/kg dry	0.0460	0.0917	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	Dibenzo(a,h)anthracene	ND	CCVE	mg/kg dry	0.0460	0.0917	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:11 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
87-86-5	Pentachlorophenol	ND	CAL-E, CCVE	mg/kg dry	0.0460	0.0917	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
108-95-2	Phenol	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*63.4 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*64.7 %*	*23-114*

Sample Information

Client Sample ID: Q1-EP 3 **York Sample ID:** 23C0335-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 11:35 am	03/07/2023

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
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*70.6 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*65.8 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*70.9 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*79.4 %*			*24-116*						

PEST, 8081 MASTER

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	0.00178	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 23:46	BJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 23:46	BJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 23:46	BJ
309-00-2	Aldrin	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 23:46	BJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 23:46	BJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	03/08/2023 22:40 NELAC-NY10854,NJDEP	03/10/2023 23:46	BJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 23:46	BJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 23:46	BJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 23:46	BJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 23:46	BJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854	03/10/2023 23:46	BJ
1031-07-8	Endosulfan sulfate	ND	P	mg/kg dry	0.00178	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 23:46	BJ
72-20-8	Endrin	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 23:46	BJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 23:46	BJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 23:46	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*100 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*77.7 %*	*30-150*

Sample Information

Client Sample ID: Q1-EP 3 **York Sample ID:** 23C0335-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 11:35 am	03/07/2023

PCB, 8082 MASTER

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	0.0180	1	EPA 8082A Certifications:	03/08/2023 22:40 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	03/10/2023 19:08	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications:	03/08/2023 22:40 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	03/10/2023 19:08	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications:	03/08/2023 22:40 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	03/10/2023 19:08	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications:	03/08/2023 22:40 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	03/10/2023 19:08	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications:	03/08/2023 22:40 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	03/10/2023 19:08	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications:	03/08/2023 22:40 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	03/10/2023 19:08	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications:	03/08/2023 22:40 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	03/10/2023 19:08	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications:	03/08/2023 22:40	03/10/2023 19:08	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*83.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*78.0 %*	*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		mg/kg dry	0.0218	1	EPA 8151A Certifications:	03/08/2023 08:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/09/2023 18:08	BJ-

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*67.2 %*	*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	ND		mg/kg dry	1.39	1	EPA 6010D Certifications:	03/10/2023 13:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/12/2023 17:18	CW
7440-39-3	**Barium**	**27.5**		mg/kg dry	2.31	1	EPA 6010D Certifications:	03/10/2023 13:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/12/2023 17:18	CW
7440-41-7	**Beryllium**	**0.174**		mg/kg dry	0.047	1	EPA 6010D Certifications:	03/10/2023 13:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/12/2023 17:18	CW
7440-43-9	Cadmium	ND		mg/kg dry	0.278	1	EPA 6010D Certifications:	03/10/2023 13:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/12/2023 17:18	CW

Sample Information

Client Sample ID: Q1-EP 3 **York Sample ID:** 23C0335-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 11:35 am	03/07/2023

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**	**10.2**		mg/kg dry	0.463	1	EPA 6010D	03/10/2023 13:54	03/12/2023 17:18	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**13.3**		mg/kg dry	1.85	1	EPA 6010D	03/10/2023 13:54	03/12/2023 17:18	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**4.19**		mg/kg dry	0.463	1	EPA 6010D	03/10/2023 13:54	03/12/2023 17:18	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**242**		mg/kg dry	0.463	1	EPA 6010D	03/10/2023 13:54	03/12/2023 17:18	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**12.0**		mg/kg dry	0.922	1	EPA 6010D	03/10/2023 13:54	03/12/2023 17:18	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**2.50**	M-CCV 1	mg/kg dry	2.31	1	EPA 6010D	03/10/2023 13:54	03/12/2023 17:18	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.466	1	EPA 6010D	03/10/2023 13:54	03/12/2023 17:18	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**26.2**		mg/kg dry	2.30	1	EPA 6010D	03/10/2023 13:54	03/12/2023 17:18	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0333	1	EPA 7473	03/10/2023 09:40	03/10/2023 13:44	BML
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

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	0.555	1	EPA 7196A	03/08/2023 14:47	03/08/2023 19:53	SMK
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

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**	**10.2**		mg/kg	0.500	1	Calculation	03/15/2023 10:35	03/15/2023 11:10	VR
							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	0.555	1	EPA 9014/9010C	03/08/2023 14:34	03/08/2023 19:26	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Sample Information

Client Sample ID: Q1-EP 3 **York Sample ID:** 23C0335-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 11:35 am	03/07/2023

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**	**90.0**		%	0.100	1	SM 2540G	03/09/2023 10:36	03/09/2023 15:32	sgs
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: Q2-EP 1 **York Sample ID:** 23C0335-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 9:00 am	03/07/2023

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
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/09/2023 07:02	03/09/2023 13:23	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/09/2023 07:02	03/09/2023 13:23	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/09/2023 07:02	03/09/2023 13:23	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/09/2023 07:02	03/09/2023 13:23	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/09/2023 07:02	03/09/2023 13:23	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/09/2023 07:02	03/09/2023 13:23	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/09/2023 07:02	03/09/2023 13:23	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/09/2023 07:02	03/09/2023 13:23	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/09/2023 07:02	03/09/2023 13:23	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.055	0.11	1	EPA 8260C	03/09/2023 07:02	03/09/2023 13:23	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/09/2023 07:02	03/09/2023 13:23	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
67-64-1	**Acetone**	**0.041**	CCVE, ICVE	mg/kg dry	0.0055	0.011	1	EPA 8260C	03/09/2023 07:02	03/09/2023 13:23	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA			
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/09/2023 07:02	03/09/2023 13:23	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/09/2023 07:02	03/09/2023 13:23	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			

Sample Information

Client Sample ID: Q2-EP 1 **York Sample ID:** 23C0335-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 9:00 am	03/07/2023

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
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 13:23	BMC
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 13:23	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 13:23	BMC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 13:23	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 13:23	BMC
75-09-2	Methylene chloride	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 13:23	BMC
91-20-3	Naphthalene	ND		mg/kg dry	0.0027	0.011	1	EPA 8260C Certifications:	03/09/2023 07:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/09/2023 13:23	BMC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 13:23	BMC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 13:23	BMC
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/09/2023 13:23	BMC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/09/2023 13:23	BMC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 13:23	BMC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 13:23	BMC
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 13:23	BMC
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 13:23	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 13:23	BMC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 13:23	BMC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 13:23	BMC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0082	0.016	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	03/09/2023 13:23	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*118 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*109 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: Q2-EP 1 **York Sample ID:** 23C0335-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 9:00 am	03/07/2023

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	Benzo(g,h,i)perylene	ND	CCVE	mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	Dibenzo(a,h)anthracene	ND	CCVE	mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
87-86-5	Pentachlorophenol	ND	CAL-E, CCVE	mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
108-95-2	Phenol	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*67.8 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*65.3 %*	*23-114*

Sample Information

Client Sample ID: Q2-EP 1 **York Sample ID:** 23C0335-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 9:00 am	03/07/2023

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
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*74.4 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*70.7 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*82.2 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*90.3 %*			*24-116*						

PEST, 8081 MASTER

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:04	BJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:04	BJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:04	BJ
309-00-2	Aldrin	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:04	BJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:04	BJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	03/08/2023 22:40 NELAC-NY10854,NJDEP	03/11/2023 00:04	BJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:04	BJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:04	BJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:04	BJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:04	BJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854	03/11/2023 00:04	BJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:04	BJ
72-20-8	Endrin	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:04	BJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:04	BJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:04	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*91.3 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*71.4 %*	*30-150*

Sample Information

Client Sample ID: Q2-EP 1 **York Sample ID:** 23C0335-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 9:00 am	03/07/2023

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0182	1	EPA 8082A	03/08/2023 22:40	03/10/2023 19:22	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0182	1	EPA 8082A	03/08/2023 22:40	03/10/2023 19:22	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0182	1	EPA 8082A	03/08/2023 22:40	03/10/2023 19:22	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0182	1	EPA 8082A	03/08/2023 22:40	03/10/2023 19:22	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0182	1	EPA 8082A	03/08/2023 22:40	03/10/2023 19:22	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0182	1	EPA 8082A	03/08/2023 22:40	03/10/2023 19:22	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0182	1	EPA 8082A	03/08/2023 22:40	03/10/2023 19:22	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0182	1	EPA 8082A	03/08/2023 22:40	03/10/2023 19:22	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*85.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*77.5 %*	*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
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0223	1	EPA 8151A	03/08/2023 08:54	03/09/2023 18:19	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*78.0 %*	*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**	**1.46**		mg/kg dry	1.40	1	EPA 6010D	03/10/2023 13:59	03/14/2023 09:57	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**43.9**		mg/kg dry	2.33	1	EPA 6010D	03/10/2023 13:59	03/14/2023 09:57	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**0.856**		mg/kg dry	0.047	1	EPA 6010D	03/10/2023 13:59	03/14/2023 09:57	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.280	1	EPA 6010D	03/10/2023 13:59	03/14/2023 09:57	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: Q2-EP 1 **York Sample ID:** 23C0335-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 9:00 am	03/07/2023

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**	**12.8**		mg/kg dry	0.467	1	EPA 6010D	03/10/2023 13:59	03/14/2023 09:57	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**18.1**		mg/kg dry	1.87	1	EPA 6010D	03/10/2023 13:59	03/14/2023 09:57	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**5.21**		mg/kg dry	0.467	1	EPA 6010D	03/10/2023 13:59	03/14/2023 09:57	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**251**		mg/kg dry	0.467	1	EPA 6010D	03/10/2023 13:59	03/14/2023 09:57	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**13.0**		mg/kg dry	0.929	1	EPA 6010D	03/10/2023 13:59	03/14/2023 09:57	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.33	1	EPA 6010D	03/10/2023 13:59	03/14/2023 09:57	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.470	1	EPA 6010D	03/10/2023 13:59	03/14/2023 09:57	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**52.4**		mg/kg dry	2.32	1	EPA 6010D	03/10/2023 13:59	03/14/2023 09:57	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0336	1	EPA 7473	03/10/2023 09:40	03/10/2023 13:54	BML
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

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	0.560	1	EPA 7196A	03/08/2023 14:47	03/08/2023 19:53	SMK
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

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**	**12.8**		mg/kg	0.500	1	Calculation	03/15/2023 10:35	03/15/2023 11:10	VR
							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	0.560	1	EPA 9014/9010C	03/08/2023 14:34	03/08/2023 19:26	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Sample Information

Client Sample ID: Q2-EP 1 **York Sample ID:** 23C0335-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 9:00 am	03/07/2023

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.3**		%	0.100	1	SM 2540G	03/09/2023 10:36	03/09/2023 15:32	sgs
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: Q2-EP 2 **York Sample ID:** 23C0335-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 9:05 am	03/07/2023

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
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	03/09/2023 07:02	03/09/2023 13:48	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	03/09/2023 07:02	03/09/2023 13:48	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	03/09/2023 07:02	03/09/2023 13:48	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	03/09/2023 07:02	03/09/2023 13:48	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	03/09/2023 07:02	03/09/2023 13:48	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	03/09/2023 07:02	03/09/2023 13:48	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	03/09/2023 07:02	03/09/2023 13:48	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	03/09/2023 07:02	03/09/2023 13:48	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	03/09/2023 07:02	03/09/2023 13:48	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.058	0.12	1	EPA 8260C	03/09/2023 07:02	03/09/2023 13:48	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
78-93-3	2-Butanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	03/09/2023 07:02	03/09/2023 13:48	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
67-64-1	**Acetone**	**0.034**	CCVE, ICVE	mg/kg dry	0.0058	0.012	1	EPA 8260C	03/09/2023 07:02	03/09/2023 13:48	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA			
71-43-2	Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	03/09/2023 07:02	03/09/2023 13:48	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	03/09/2023 07:02	03/09/2023 13:48	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			

Sample Information

Client Sample ID: Q2-EP 2 **York Sample ID:** 23C0335-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 9:05 am	03/07/2023

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
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 13:48	BMC
67-66-3	Chloroform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 13:48	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 13:48	BMC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 13:48	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 13:48	BMC
75-09-2	Methylene chloride	ND		mg/kg dry	0.0058	0.012	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 13:48	BMC
91-20-3	Naphthalene	ND		mg/kg dry	0.0029	0.012	1	EPA 8260C Certifications:	03/09/2023 07:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/09/2023 13:48	BMC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 13:48	BMC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 13:48	BMC
95-47-6	o-Xylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/09/2023 13:48	BMC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0058	0.012	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/09/2023 13:48	BMC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 13:48	BMC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 13:48	BMC
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 13:48	BMC
108-88-3	Toluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 13:48	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 13:48	BMC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 13:48	BMC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 13:48	BMC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0088	0.018	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	03/09/2023 13:48	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*116 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.6 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*108 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: Q2-EP 2 **York Sample ID:** 23C0335-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 9:05 am	03/07/2023

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:14	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:14	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:14	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:14	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:14	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:14	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:14	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:14	KH
191-24-2	Benzo(g,h,i)perylene	ND	CCVE	mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:14	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:14	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:14	KH
53-70-3	Dibenzo(a,h)anthracene	ND	CCVE	mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:14	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:14	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:14	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications:	03/09/2023 08:33 NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:14	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:14	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:14	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:14	KH
87-86-5	Pentachlorophenol	ND	CAL-E, CCVE	mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:14	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:14	KH
108-95-2	Phenol	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:14	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:14	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*67.6 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*63.4 %*	*23-114*

Sample Information

Client Sample ID: Q2-EP 2 **York Sample ID:** 23C0335-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 9:05 am	03/07/2023

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
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*65.8 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*68.5 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*82.0 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*89.4 %*			*24-116*						

PEST, 8081 MASTER

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 Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:22	BJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:22	BJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:22	BJ
309-00-2	Aldrin	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:22	BJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:22	BJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications:	03/08/2023 22:40 NELAC-NY10854,NJDEP	03/11/2023 00:22	BJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:22	BJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:22	BJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:22	BJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:22	BJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854	03/11/2023 00:22	BJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:22	BJ
72-20-8	Endrin	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:22	BJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:22	BJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:22	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*83.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*70.8 %*	*30-150*

Sample Information

Client Sample ID: **Q2-EP 2** **York Sample ID:** **23C0335-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 9:05 am	03/07/2023

PCB, 8082 MASTER

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	0.0188	1	EPA 8082A	03/08/2023 22:40	03/10/2023 19:36	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0188	1	EPA 8082A	03/08/2023 22:40	03/10/2023 19:36	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0188	1	EPA 8082A	03/08/2023 22:40	03/10/2023 19:36	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0188	1	EPA 8082A	03/08/2023 22:40	03/10/2023 19:36	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0188	1	EPA 8082A	03/08/2023 22:40	03/10/2023 19:36	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0188	1	EPA 8082A	03/08/2023 22:40	03/10/2023 19:36	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0188	1	EPA 8082A	03/08/2023 22:40	03/10/2023 19:36	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0188	1	EPA 8082A	03/08/2023 22:40	03/10/2023 19:36	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*78.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*65.5 %*	*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
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0228	1	EPA 8151A	03/08/2023 08:54	03/09/2023 18:29	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

	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**	**2.55**		mg/kg dry	1.44	1	EPA 6010D	03/10/2023 13:59	03/14/2023 09:59	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**51.9**		mg/kg dry	2.40	1	EPA 6010D	03/10/2023 13:59	03/14/2023 09:59	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**1.19**		mg/kg dry	0.048	1	EPA 6010D	03/10/2023 13:59	03/14/2023 09:59	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.288	1	EPA 6010D	03/10/2023 13:59	03/14/2023 09:59	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: Q2-EP 2 **York Sample ID:** 23C0335-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 9:05 am	03/07/2023

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**	**18.2**		mg/kg dry	0.480	1	EPA 6010D	03/10/2023 13:59	03/14/2023 09:59	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**18.9**		mg/kg dry	1.92	1	EPA 6010D	03/10/2023 13:59	03/14/2023 09:59	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**6.85**		mg/kg dry	0.480	1	EPA 6010D	03/10/2023 13:59	03/14/2023 09:59	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**308**		mg/kg dry	0.480	1	EPA 6010D	03/10/2023 13:59	03/14/2023 09:59	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**16.2**		mg/kg dry	0.956	1	EPA 6010D	03/10/2023 13:59	03/14/2023 09:59	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.40	1	EPA 6010D	03/10/2023 13:59	03/14/2023 09:59	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.484	1	EPA 6010D	03/10/2023 13:59	03/14/2023 09:59	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**44.5**		mg/kg dry	2.39	1	EPA 6010D	03/10/2023 13:59	03/14/2023 09:59	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0346	1	EPA 7473	03/10/2023 09:40	03/10/2023 14:04	BML
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

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	0.576	1	EPA 7196A	03/08/2023 14:47	03/08/2023 19:53	SMK
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

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**	**18.2**		mg/kg	0.500	1	Calculation	03/15/2023 10:35	03/15/2023 11:10	VR
							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	0.576	1	EPA 9014/9010C	03/08/2023 14:34	03/08/2023 19:26	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Sample Information

Client Sample ID: Q2-EP 2 **York Sample ID:** 23C0335-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 9:05 am	03/07/2023

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**	**86.8**		%	0.100	1	SM 2540G	03/09/2023 10:36	03/09/2023 15:32	sgs
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: Q2-EP 3 **York Sample ID:** 23C0335-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 9:10 am	03/07/2023

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
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 14:14	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 14:14	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 14:14	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 14:14	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 14:14	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 14:14	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 14:14	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 14:14	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 14:14	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.054	0.11	1	EPA 8260C	03/09/2023 07:02	03/09/2023 14:14	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 14:14	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
67-64-1	**Acetone**	**0.039**	CCVE, ICVE	mg/kg dry	0.0054	0.011	1	EPA 8260C	03/09/2023 07:02	03/09/2023 14:14	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA			
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 14:14	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 14:14	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			

Sample Information

Client Sample ID: Q2-EP 3 **York Sample ID:** 23C0335-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 9:10 am	03/07/2023

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
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 14:14	BMC
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 14:14	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 14:14	BMC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 14:14	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 14:14	BMC
75-09-2	Methylene chloride	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 14:14	BMC
91-20-3	Naphthalene	ND		mg/kg dry	0.0027	0.011	1	EPA 8260C Certifications:	03/09/2023 07:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/09/2023 14:14	BMC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 14:14	BMC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 14:14	BMC
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/09/2023 14:14	BMC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/09/2023 14:14	BMC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 14:14	BMC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 14:14	BMC
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 14:14	BMC
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 14:14	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 14:14	BMC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 14:14	BMC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 14:14	BMC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0081	0.016	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	03/09/2023 14:14	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*116 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.4 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*105 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: Q2-EP 3 **York Sample ID:** 23C0335-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 9:10 am	03/07/2023

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	Benzo(g,h,i)perylene	ND	CCVE	mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	Dibenzo(a,h)anthracene	ND	CCVE	mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:45 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
87-86-5	Pentachlorophenol	ND	CAL-E, CCVE	mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
108-95-2	Phenol	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*62.2 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*61.1 %*	*23-114*

Sample Information

Client Sample ID: Q2-EP 3 **York Sample ID:** 23C0335-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 9:10 am	03/07/2023

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
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*72.0 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*68.6 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*78.4 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*97.6 %*			*24-116*						

PEST, 8081 MASTER

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:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:41	BJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:41	BJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:41	BJ
309-00-2	Aldrin	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:41	BJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:41	BJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications:	03/08/2023 22:40 NELAC-NY10854,NJDEP	03/11/2023 00:41	BJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:41	BJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:41	BJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:41	BJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:41	BJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854	03/11/2023 00:41	BJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:41	BJ
72-20-8	Endrin	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:41	BJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:41	BJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:41	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*99.9 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*76.5 %*	*30-150*

Sample Information

Client Sample ID: Q2-EP 3 **York Sample ID:** 23C0335-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 9:10 am	03/07/2023

PCB, 8082 MASTER

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	03/08/2023 22:40	03/10/2023 19:49	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0189	1	EPA 8082A	03/08/2023 22:40	03/10/2023 19:49	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0189	1	EPA 8082A	03/08/2023 22:40	03/10/2023 19:49	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0189	1	EPA 8082A	03/08/2023 22:40	03/10/2023 19:49	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0189	1	EPA 8082A	03/08/2023 22:40	03/10/2023 19:49	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0189	1	EPA 8082A	03/08/2023 22:40	03/10/2023 19:49	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0189	1	EPA 8082A	03/08/2023 22:40	03/10/2023 19:49	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0189	1	EPA 8082A	03/08/2023 22:40	03/10/2023 19:49	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*84.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*83.5 %*	*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
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0227	1	EPA 8151A	03/08/2023 08:15	03/09/2023 19:34	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*79.8 %*	*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	ND		mg/kg dry	1.42	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**53.3**		mg/kg dry	2.37	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**1.00**		mg/kg dry	0.048	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.284	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: Q2-EP 3 **York Sample ID:** 23C0335-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 9:10 am	03/07/2023

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**	**16.4**		mg/kg dry	0.474	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**18.5**		mg/kg dry	1.90	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**6.34**		mg/kg dry	0.474	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**321**		mg/kg dry	0.474	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**16.3**		mg/kg dry	0.944	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.37	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.478	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**43.0**		mg/kg dry	2.36	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0341	1	EPA 7473	03/10/2023 09:40	03/10/2023 14:14	BML
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

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	0.569	1	EPA 7196A	03/08/2023 14:47	03/08/2023 19:53	SMK
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

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**	**16.4**		mg/kg	0.500	1	Calculation	03/15/2023 10:35	03/15/2023 11:10	VR
							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	0.569	1	EPA 9014/9010C	03/08/2023 14:34	03/08/2023 19:26	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Sample Information

Client Sample ID: Q2-EP 3 **York Sample ID:** 23C0335-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 9:10 am	03/07/2023

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**	**87.9**		%	0.100	1	SM 2540G	03/09/2023 10:36	03/09/2023 15:32	sgs
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: Q2-EP 4 **York Sample ID:** 23C0335-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 9:20 am	03/07/2023

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
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	03/09/2023 07:02	03/09/2023 10:24	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	03/09/2023 07:02	03/09/2023 10:24	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	03/09/2023 07:02	03/09/2023 10:24	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	03/09/2023 07:02	03/09/2023 10:24	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	03/09/2023 07:02	03/09/2023 10:24	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	03/09/2023 07:02	03/09/2023 10:24	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	03/09/2023 07:02	03/09/2023 10:24	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	03/09/2023 07:02	03/09/2023 10:24	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	03/09/2023 07:02	03/09/2023 10:24	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.052	0.10	1	EPA 8260C	03/09/2023 07:02	03/09/2023 10:24	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	03/09/2023 07:02	03/09/2023 10:24	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
67-64-1	**Acetone**	**0.015**	CCVE, ICVE	mg/kg dry	0.0052	0.010	1	EPA 8260C	03/09/2023 07:02	03/09/2023 10:24	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA			
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	03/09/2023 07:02	03/09/2023 10:24	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	03/09/2023 07:02	03/09/2023 10:24	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			

Sample Information

Client Sample ID: Q2-EP 4 **York Sample ID:** 23C0335-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 9:20 am	03/07/2023

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
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 10:24	BMC
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 10:24	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 10:24	BMC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 10:24	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 10:24	BMC
75-09-2	Methylene chloride	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 10:24	BMC
91-20-3	Naphthalene	ND		mg/kg dry	0.0026	0.010	1	EPA 8260C Certifications:	03/09/2023 07:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/09/2023 10:24	BMC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 10:24	BMC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 10:24	BMC
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/09/2023 10:24	BMC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/09/2023 10:24	BMC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 10:24	BMC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 10:24	BMC
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 10:24	BMC
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 10:24	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 10:24	BMC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 10:24	BMC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 10:24	BMC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0079	0.016	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	03/09/2023 10:24	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*113 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*110 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: Q2-EP 4 **York Sample ID:** 23C0335-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 9:20 am	03/07/2023

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:42 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0444	0.0887	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
108-95-2	Phenol	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*74.4 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*73.7 %*	*23-114*

Sample Information

Client Sample ID: Q2-EP 4 **York Sample ID:** 23C0335-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 9:20 am	03/07/2023

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
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*101 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*77.6 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*108 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*91.9 %*			*24-116*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:59	BJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:59	BJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:59	BJ
309-00-2	Aldrin	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:59	BJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:59	BJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	03/08/2023 22:40 NELAC-NY10854,NJDEP	03/11/2023 00:59	BJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:59	BJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:59	BJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:59	BJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:59	BJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854	03/11/2023 00:59	BJ
1031-07-8	Endosulfan sulfate	ND	P	mg/kg dry	0.00176	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:59	BJ
72-20-8	Endrin	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:59	BJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:59	BJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:59	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*90.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*74.7 %*	*30-150*

Sample Information

Client Sample ID: Q2-EP 4 **York Sample ID:** 23C0335-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 9:20 am	03/07/2023

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0178	1	EPA 8082A	03/08/2023 22:40	03/10/2023 20:03	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0178	1	EPA 8082A	03/08/2023 22:40	03/10/2023 20:03	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0178	1	EPA 8082A	03/08/2023 22:40	03/10/2023 20:03	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0178	1	EPA 8082A	03/08/2023 22:40	03/10/2023 20:03	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0178	1	EPA 8082A	03/08/2023 22:40	03/10/2023 20:03	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0178	1	EPA 8082A	03/08/2023 22:40	03/10/2023 20:03	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0178	1	EPA 8082A	03/08/2023 22:40	03/10/2023 20:03	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0178	1	EPA 8082A	03/08/2023 22:40	03/10/2023 20:03	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*86.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*77.0 %*	*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		mg/kg dry	0.0218	1	EPA 8151A	03/08/2023 08:15	03/09/2023 19:45	BJ-
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*72.8 %*	*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**	**1.59**		mg/kg dry	1.37	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:03	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**58.2**		mg/kg dry	2.28	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:03	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	**Beryllium**	**0.871**		mg/kg dry	0.046	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:03	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/kg dry	0.274	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:03	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: Q2-EP 4 **York Sample ID:** 23C0335-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 9:20 am	03/07/2023

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**	**13.7**		mg/kg dry	0.457	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:03	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**23.7**		mg/kg dry	1.83	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:03	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**5.61**		mg/kg dry	0.457	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:03	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**301**		mg/kg dry	0.457	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:03	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**13.7**		mg/kg dry	0.909	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:03	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.28	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:03	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.460	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:03	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**46.2**		mg/kg dry	2.27	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:03	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0329	1	EPA 7473	03/10/2023 09:40	03/10/2023 14:25	BML
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

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	0.548	1	EPA 7196A	03/08/2023 14:47	03/08/2023 19:53	SMK
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

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**	**13.7**		mg/kg	0.500	1	Calculation	03/15/2023 10:35	03/15/2023 11:10	VR
							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	0.548	1	EPA 9014/9010C	03/08/2023 14:34	03/08/2023 19:26	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Sample Information

Client Sample ID: Q2-EP 4 **York Sample ID:** 23C0335-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 9:20 am	03/07/2023

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.3**		%	0.100	1	SM 2540G	03/09/2023 10:36	03/09/2023 15:32	sgs
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: Q3-EP 1 **York Sample ID:** 23C0335-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 8:00 am	03/07/2023

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
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	03/09/2023 07:02	03/09/2023 10:49	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	03/09/2023 07:02	03/09/2023 10:49	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	03/09/2023 07:02	03/09/2023 10:49	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	03/09/2023 07:02	03/09/2023 10:49	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	03/09/2023 07:02	03/09/2023 10:49	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	03/09/2023 07:02	03/09/2023 10:49	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	03/09/2023 07:02	03/09/2023 10:49	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	03/09/2023 07:02	03/09/2023 10:49	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	03/09/2023 07:02	03/09/2023 10:49	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.060	0.12	1	EPA 8260C	03/09/2023 07:02	03/09/2023 10:49	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
78-93-3	2-Butanone	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	03/09/2023 07:02	03/09/2023 10:49	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
67-64-1	**Acetone**	**0.022**	CCVE, ICVE	mg/kg dry	0.0060	0.012	1	EPA 8260C	03/09/2023 07:02	03/09/2023 10:49	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA			
71-43-2	Benzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	03/09/2023 07:02	03/09/2023 10:49	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	03/09/2023 07:02	03/09/2023 10:49	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			

Sample Information

Client Sample ID: Q3-EP 1 **York Sample ID:** 23C0335-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 8:00 am	03/07/2023

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
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 10:49	BMC
67-66-3	Chloroform	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 10:49	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 10:49	BMC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 10:49	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 10:49	BMC
75-09-2	Methylene chloride	ND		mg/kg dry	0.0060	0.012	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 10:49	BMC
91-20-3	Naphthalene	ND		mg/kg dry	0.0030	0.012	1	EPA 8260C Certifications:	03/09/2023 07:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/09/2023 10:49	BMC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 10:49	BMC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 10:49	BMC
95-47-6	o-Xylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/09/2023 10:49	BMC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0060	0.012	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/09/2023 10:49	BMC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 10:49	BMC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 10:49	BMC
127-18-4	**Tetrachloroethylene**	**0.0050**	J	mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	03/09/2023 10:49	BMC
108-88-3	Toluene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 10:49	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 10:49	BMC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 10:49	BMC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 10:49	BMC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0090	0.018	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	03/09/2023 10:49	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*114 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.8 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*107 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: Q3-EP 1 **York Sample ID:** 23C0335-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 8:00 am	03/07/2023

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:13 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
108-95-2	Phenol	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*58.6 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*59.1 %*	*23-114*

Sample Information

Client Sample ID: Q3-EP 1 **York Sample ID:** 23C0335-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 8:00 am	03/07/2023

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
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*78.4 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*61.7 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*90.1 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*85.0 %*			*24-116*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 01:54	BJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 01:54	BJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 01:54	BJ
309-00-2	Aldrin	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 01:54	BJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 01:54	BJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	03/08/2023 22:40 NELAC-NY10854,NJDEP	03/11/2023 01:54	BJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 01:54	BJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 01:54	BJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 01:54	BJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 01:54	BJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854	03/11/2023 01:54	BJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 01:54	BJ
72-20-8	Endrin	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 01:54	BJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 01:54	BJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 01:54	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*87.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*69.1 %*	*30-150*

Sample Information

Client Sample ID: Q3-EP 1 **York Sample ID:** 23C0335-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 8:00 am	03/07/2023

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0185	1	EPA 8082A	03/08/2023 22:40	03/10/2023 20:16	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0185	1	EPA 8082A	03/08/2023 22:40	03/10/2023 20:16	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0185	1	EPA 8082A	03/08/2023 22:40	03/10/2023 20:16	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0185	1	EPA 8082A	03/08/2023 22:40	03/10/2023 20:16	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0185	1	EPA 8082A	03/08/2023 22:40	03/10/2023 20:16	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0185	1	EPA 8082A	03/08/2023 22:40	03/10/2023 20:16	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0185	1	EPA 8082A	03/08/2023 22:40	03/10/2023 20:16	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0185	1	EPA 8082A	03/08/2023 22:40	03/10/2023 20:16	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*85.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*72.5 %*	*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
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0224	1	EPA 8151A	03/08/2023 08:15	03/09/2023 20:17	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*67.4 %*	*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**	**1.64**		mg/kg dry	1.41	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**46.5**		mg/kg dry	2.34	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**0.990**		mg/kg dry	0.047	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.281	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: Q3-EP 1 **York Sample ID:** 23C0335-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 8:00 am	03/07/2023

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**	**15.3**		mg/kg dry	0.469	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**19.2**		mg/kg dry	1.87	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**5.62**		mg/kg dry	0.469	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**289**		mg/kg dry	0.469	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**15.6**		mg/kg dry	0.933	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.34	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.472	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**65.1**		mg/kg dry	2.33	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0337	1	EPA 7473	03/10/2023 09:40	03/10/2023 14:35	BML
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

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	0.562	1	EPA 7196A	03/08/2023 14:47	03/08/2023 19:53	SMK
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

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**	**15.3**		mg/kg	0.500	1	Calculation	03/15/2023 10:35	03/15/2023 11:10	VR
							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	0.562	1	EPA 9014/9010C	03/08/2023 14:34	03/08/2023 19:26	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Sample Information

Client Sample ID: Q3-EP 1 **York Sample ID:** 23C0335-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 8:00 am	03/07/2023

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**88.9**		%	0.100	1	SM 2540G	03/09/2023 10:36	03/09/2023 15:32	sgs
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: Q3-EP 2 **York Sample ID:** 23C0335-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 8:10 am	03/07/2023

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
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	03/09/2023 07:02	03/09/2023 11:15	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	03/09/2023 07:02	03/09/2023 11:15	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	03/09/2023 07:02	03/09/2023 11:15	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	03/09/2023 07:02	03/09/2023 11:15	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	03/09/2023 07:02	03/09/2023 11:15	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	03/09/2023 07:02	03/09/2023 11:15	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	03/09/2023 07:02	03/09/2023 11:15	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	03/09/2023 07:02	03/09/2023 11:15	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	03/09/2023 07:02	03/09/2023 11:15	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.068	0.14	1	EPA 8260C	03/09/2023 07:02	03/09/2023 11:15	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
78-93-3	2-Butanone	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	03/09/2023 07:02	03/09/2023 11:15	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
67-64-1	Acetone	ND		mg/kg dry	0.0068	0.014	1	EPA 8260C	03/09/2023 07:02	03/09/2023 11:15	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
71-43-2	Benzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	03/09/2023 07:02	03/09/2023 11:15	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	03/09/2023 07:02	03/09/2023 11:15	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			

Sample Information

Client Sample ID: Q3-EP 2 **York Sample ID:** 23C0335-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 8:10 am	03/07/2023

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
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 11:15	BMC
67-66-3	Chloroform	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 11:15	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 11:15	BMC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 11:15	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 11:15	BMC
75-09-2	Methylene chloride	ND		mg/kg dry	0.0068	0.014	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 11:15	BMC
91-20-3	Naphthalene	ND		mg/kg dry	0.0034	0.014	1	EPA 8260C Certifications:	03/09/2023 07:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/09/2023 11:15	BMC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 11:15	BMC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 11:15	BMC
95-47-6	o-Xylene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/09/2023 11:15	BMC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0068	0.014	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/09/2023 11:15	BMC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 11:15	BMC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 11:15	BMC
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 11:15	BMC
108-88-3	Toluene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 11:15	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 11:15	BMC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 11:15	BMC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 11:15	BMC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	03/09/2023 11:15	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*114 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.9 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*109 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: Q3-EP 2 **York Sample ID:** 23C0335-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 8:10 am	03/07/2023

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
108-95-2	Phenol	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*57.0 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*57.3 %*	*23-114*

Sample Information

Client Sample ID: Q3-EP 2 **York Sample ID:** 23C0335-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 8:10 am	03/07/2023

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
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*75.7 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*56.6 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*75.7 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*77.5 %*			*24-116*						

PEST, 8081 MASTER

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	0.00185	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 02:12	BJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 02:12	BJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 02:12	BJ
309-00-2	Aldrin	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 02:12	BJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 02:12	BJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications:	03/08/2023 22:40 NELAC-NY10854,NJDEP	03/11/2023 02:12	BJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 02:12	BJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 02:12	BJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 02:12	BJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 02:12	BJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854	03/11/2023 02:12	BJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 02:12	BJ
72-20-8	Endrin	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 02:12	BJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 02:12	BJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 02:12	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*96.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*74.9 %*	*30-150*

Sample Information

Client Sample ID: **Q3-EP 2** **York Sample ID:** **23C0335-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 8:10 am	03/07/2023

PCB, 8082 MASTER

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	03/08/2023 22:40	03/10/2023 20:30	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0187	1	EPA 8082A	03/08/2023 22:40	03/10/2023 20:30	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0187	1	EPA 8082A	03/08/2023 22:40	03/10/2023 20:30	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0187	1	EPA 8082A	03/08/2023 22:40	03/10/2023 20:30	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0187	1	EPA 8082A	03/08/2023 22:40	03/10/2023 20:30	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0187	1	EPA 8082A	03/08/2023 22:40	03/10/2023 20:30	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0187	1	EPA 8082A	03/08/2023 22:40	03/10/2023 20:30	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0187	1	EPA 8082A	03/08/2023 22:40	03/10/2023 20:30	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*84.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*79.0 %*	*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		mg/kg dry	0.0228	1	EPA 8151A	03/08/2023 08:15	03/09/2023 20:28	BJ-
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*78.0 %*	*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**	**1.95**		mg/kg dry	1.44	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:07	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**44.0**		mg/kg dry	2.40	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:07	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	**Beryllium**	**1.11**		mg/kg dry	0.049	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:07	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/kg dry	0.289	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:07	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: Q3-EP 2 **York Sample ID:** 23C0335-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 8:10 am	03/07/2023

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**	**16.4**		mg/kg dry	0.482	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:07	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**27.2**		mg/kg dry	1.93	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:07	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**7.42**		mg/kg dry	0.482	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:07	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**302**		mg/kg dry	0.482	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:07	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**15.6**		mg/kg dry	0.959	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:07	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.41	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:07	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.485	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:07	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**104**		mg/kg dry	2.40	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:07	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0347	1	EPA 7473	03/10/2023 09:40	03/10/2023 14:45	BML
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

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	0.578	1	EPA 7196A	03/08/2023 14:47	03/08/2023 19:53	SMK
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

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**	**16.4**		mg/kg	0.500	1	Calculation	03/15/2023 10:35	03/15/2023 11:10	VR
							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	0.578	1	EPA 9014/9010C	03/08/2023 14:34	03/08/2023 19:26	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Sample Information

Client Sample ID: Q3-EP 2 **York Sample ID:** 23C0335-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 8:10 am	03/07/2023

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**	**86.5**		%	0.100	1	SM 2540G	03/09/2023 10:36	03/09/2023 15:32	sgs
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: Q3-EP 3 **York Sample ID:** 23C0335-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 8:15 am	03/07/2023

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
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/09/2023 07:02	03/09/2023 11:40	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/09/2023 07:02	03/09/2023 11:40	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/09/2023 07:02	03/09/2023 11:40	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/09/2023 07:02	03/09/2023 11:40	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/09/2023 07:02	03/09/2023 11:40	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/09/2023 07:02	03/09/2023 11:40	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/09/2023 07:02	03/09/2023 11:40	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/09/2023 07:02	03/09/2023 11:40	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/09/2023 07:02	03/09/2023 11:40	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.055	0.11	1	EPA 8260C	03/09/2023 07:02	03/09/2023 11:40	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/09/2023 07:02	03/09/2023 11:40	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
67-64-1	**Acetone**	**0.022**	CCVE, ICVE	mg/kg dry	0.0055	0.011	1	EPA 8260C	03/09/2023 07:02	03/09/2023 11:40	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA			
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/09/2023 07:02	03/09/2023 11:40	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/09/2023 07:02	03/09/2023 11:40	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			

Sample Information

Client Sample ID: Q3-EP 3 **York Sample ID:** 23C0335-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 8:15 am	03/07/2023

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
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 11:40	BMC
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 11:40	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 11:40	BMC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 11:40	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 11:40	BMC
75-09-2	Methylene chloride	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 11:40	BMC
91-20-3	Naphthalene	ND		mg/kg dry	0.0027	0.011	1	EPA 8260C Certifications:	03/09/2023 07:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/09/2023 11:40	BMC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 11:40	BMC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 11:40	BMC
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/09/2023 11:40	BMC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/09/2023 11:40	BMC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 11:40	BMC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 11:40	BMC
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 11:40	BMC
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 11:40	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 11:40	BMC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 11:40	BMC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 11:40	BMC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0082	0.016	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	03/09/2023 11:40	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*115 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.4 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*108 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: Q3-EP 3 **York Sample ID:** 23C0335-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 8:15 am	03/07/2023

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:13 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0451	0.0899	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
108-95-2	Phenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*59.7 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*59.1 %*	*23-114*

Sample Information

Client Sample ID: Q3-EP 3 **York Sample ID:** 23C0335-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 8:15 am	03/07/2023

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
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*80.0 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*61.3 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*87.5 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*80.4 %*			*24-116*						

PEST, 8081 MASTER

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 02:30	BJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 02:30	BJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 02:30	BJ
309-00-2	Aldrin	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 02:30	BJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 02:30	BJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	03/08/2023 22:40 NELAC-NY10854,NJDEP	03/11/2023 02:30	BJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 02:30	BJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 02:30	BJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 02:30	BJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 02:30	BJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854	03/11/2023 02:30	BJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 02:30	BJ
72-20-8	Endrin	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 02:30	BJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 02:30	BJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 02:30	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*94.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*75.6 %*	*30-150*

Sample Information

Client Sample ID: Q3-EP 3 **York Sample ID:** 23C0335-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 8:15 am	03/07/2023

PCB, 8082 MASTER

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	03/08/2023 22:40	03/10/2023 20:44	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0181	1	EPA 8082A	03/08/2023 22:40	03/10/2023 20:44	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0181	1	EPA 8082A	03/08/2023 22:40	03/10/2023 20:44	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0181	1	EPA 8082A	03/08/2023 22:40	03/10/2023 20:44	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0181	1	EPA 8082A	03/08/2023 22:40	03/10/2023 20:44	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0181	1	EPA 8082A	03/08/2023 22:40	03/10/2023 20:44	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0181	1	EPA 8082A	03/08/2023 22:40	03/10/2023 20:44	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0181	1	EPA 8082A	03/08/2023 22:40	03/10/2023 20:44	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*86.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*82.0 %*	*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		mg/kg dry	0.0221	1	EPA 8151A	03/08/2023 08:54	03/09/2023 18:40	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*71.2 %*	*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	ND		mg/kg dry	1.39	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:09	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**28.0**		mg/kg dry	2.31	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:09	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**0.900**		mg/kg dry	0.047	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:09	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.278	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:09	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: Q3-EP 3 **York Sample ID:** 23C0335-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 8:15 am	03/07/2023

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**	**13.3**		mg/kg dry	0.463	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:09	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**16.7**		mg/kg dry	1.85	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:09	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**5.20**		mg/kg dry	0.463	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:09	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**244**		mg/kg dry	0.463	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:09	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**13.8**		mg/kg dry	0.922	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:09	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.31	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:09	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.467	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:09	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**34.6**		mg/kg dry	2.30	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:09	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0333	1	EPA 7473	03/10/2023 14:23	03/10/2023 17:20	BML
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

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	0.555	1	EPA 7196A	03/08/2023 14:47	03/08/2023 19:53	SMK
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

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**	**13.3**		mg/kg	0.500	1	Calculation	03/15/2023 10:35	03/15/2023 11:10	VR
							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	0.555	1	EPA 9014/9010C	03/08/2023 14:34	03/08/2023 19:26	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Sample Information

Client Sample ID: Q3-EP 3 **York Sample ID:** 23C0335-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 8:15 am	03/07/2023

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**	**90.0**		%	0.100	1	SM 2540G	03/09/2023 10:36	03/09/2023 15:32	sgs
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: Q4-EP 1 **York Sample ID:** 23C0335-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 8:30 am	03/07/2023

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
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	03/09/2023 07:02	03/09/2023 14:39	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	03/09/2023 07:02	03/09/2023 14:39	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	03/09/2023 07:02	03/09/2023 14:39	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	03/09/2023 07:02	03/09/2023 14:39	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	03/09/2023 07:02	03/09/2023 14:39	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	03/09/2023 07:02	03/09/2023 14:39	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	03/09/2023 07:02	03/09/2023 14:39	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	03/09/2023 07:02	03/09/2023 14:39	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	03/09/2023 07:02	03/09/2023 14:39	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.062	0.12	1	EPA 8260C	03/09/2023 07:02	03/09/2023 14:39	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
78-93-3	2-Butanone	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	03/09/2023 07:02	03/09/2023 14:39	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
67-64-1	**Acetone**	**0.031**	CCVE, ICVE	mg/kg dry	0.0062	0.012	1	EPA 8260C	03/09/2023 07:02	03/09/2023 14:39	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA			
71-43-2	Benzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	03/09/2023 07:02	03/09/2023 14:39	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	03/09/2023 07:02	03/09/2023 14:39	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			

Sample Information

Client Sample ID: Q4-EP 1 **York Sample ID:** 23C0335-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 8:30 am	03/07/2023

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
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/09/2023 07:02	03/09/2023 14:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
67-66-3	Chloroform	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/09/2023 07:02	03/09/2023 14:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/09/2023 07:02	03/09/2023 14:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/09/2023 07:02	03/09/2023 14:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/09/2023 07:02	03/09/2023 14:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
75-09-2	Methylene chloride	ND		mg/kg dry	0.0062	0.012	1	EPA 8260C Certifications:	03/09/2023 07:02	03/09/2023 14:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
91-20-3	Naphthalene	ND		mg/kg dry	0.0031	0.012	1	EPA 8260C Certifications:	03/09/2023 07:02	03/09/2023 14:39 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/09/2023 07:02	03/09/2023 14:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/09/2023 07:02	03/09/2023 14:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
95-47-6	o-Xylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/09/2023 07:02	03/09/2023 14:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	BMC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0062	0.012	1	EPA 8260C Certifications:	03/09/2023 07:02	03/09/2023 14:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	BMC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/09/2023 07:02	03/09/2023 14:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/09/2023 07:02	03/09/2023 14:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/09/2023 07:02	03/09/2023 14:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
108-88-3	Toluene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/09/2023 07:02	03/09/2023 14:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/09/2023 07:02	03/09/2023 14:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/09/2023 07:02	03/09/2023 14:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/09/2023 07:02	03/09/2023 14:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0093	0.019	1	EPA 8260C Certifications:	03/09/2023 07:02	03/09/2023 14:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*117 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*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: Q4-EP 1 **York Sample ID:** 23C0335-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 8:30 am	03/07/2023

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:44	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:44	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:44	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:44	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:44	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:44	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:44	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:44	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:44	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:44	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:44	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:44	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:44	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:44	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	03/09/2023 08:33 NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:44	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:44	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:44	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:44	KH
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:44	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:44	KH
108-95-2	Phenol	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:44	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:44	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*70.7 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*69.4 %*	*23-114*

Sample Information

Client Sample ID: Q4-EP 1 **York Sample ID:** 23C0335-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 8:30 am	03/07/2023

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
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*92.6 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*71.8 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*98.1 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*86.1 %*			*24-116*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 02:48	BJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 02:48	BJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 02:48	BJ
309-00-2	Aldrin	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 02:48	BJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 02:48	BJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	03/08/2023 22:40 NELAC-NY10854,NJDEP	03/11/2023 02:48	BJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 02:48	BJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 02:48	BJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 02:48	BJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 02:48	BJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854	03/11/2023 02:48	BJ
1031-07-8	Endosulfan sulfate	ND	P	mg/kg dry	0.00181	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 02:48	BJ
72-20-8	Endrin	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 02:48	BJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 02:48	BJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 02:48	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*96.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*75.3 %*	*30-150*

Sample Information

Client Sample ID: Q4-EP 1 **York Sample ID:** 23C0335-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 8:30 am	03/07/2023

PCB, 8082 MASTER

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	0.0183	1	EPA 8082A Certifications:	03/08/2023 22:40 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	03/10/2023 20:57	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications:	03/08/2023 22:40 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	03/10/2023 20:57	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications:	03/08/2023 22:40 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	03/10/2023 20:57	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications:	03/08/2023 22:40 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	03/10/2023 20:57	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications:	03/08/2023 22:40 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	03/10/2023 20:57	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications:	03/08/2023 22:40 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	03/10/2023 20:57	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications:	03/08/2023 22:40 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	03/10/2023 20:57	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications:	03/08/2023 22:40	03/10/2023 20:57	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*85.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*83.0 %*	*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		mg/kg dry	0.0221	1	EPA 8151A Certifications:	03/08/2023 08:15 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/09/2023 20:39	BJ-

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*71.2 %*	*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**	**2.75**		mg/kg dry	1.40	1	EPA 6010D Certifications:	03/10/2023 13:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/14/2023 10:25	CW
7440-39-3	**Barium**	**39.0**		mg/kg dry	2.34	1	EPA 6010D Certifications:	03/10/2023 13:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/14/2023 10:25	CW
7440-41-7	**Beryllium**	**1.16**		mg/kg dry	0.047	1	EPA 6010D Certifications:	03/10/2023 13:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/14/2023 10:25	CW
7440-43-9	Cadmium	ND		mg/kg dry	0.281	1	EPA 6010D Certifications:	03/10/2023 13:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/14/2023 10:25	CW

Sample Information

Client Sample ID: Q4-EP 1 **York Sample ID:** 23C0335-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 8:30 am	03/07/2023

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**	**17.1**		mg/kg dry	0.468	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:25	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**20.0**		mg/kg dry	1.87	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:25	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**6.61**		mg/kg dry	0.468	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:25	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**281**		mg/kg dry	0.468	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:25	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**17.7**		mg/kg dry	0.932	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:25	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.34	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:25	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.472	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:25	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**49.2**		mg/kg dry	2.33	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:25	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0337	1	EPA 7473	03/10/2023 09:40	03/10/2023 15:55	BML
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

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	0.562	1	EPA 7196A	03/08/2023 14:47	03/08/2023 19:53	SMK
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

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**	**17.1**		mg/kg	0.500	1	Calculation	03/15/2023 10:35	03/15/2023 11:10	VR
							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	0.562	1	EPA 9014/9010C	03/08/2023 14:34	03/08/2023 19:26	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Sample Information

Client Sample ID: Q4-EP 1 **York Sample ID:** 23C0335-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 8:30 am	03/07/2023

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.0**		%	0.100	1	SM 2540G	03/09/2023 10:36	03/09/2023 15:32	sgs
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: Q4-EP 2 **York Sample ID:** 23C0335-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 8:35 am	03/07/2023

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
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	03/09/2023 07:02	03/09/2023 15:05	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	03/09/2023 07:02	03/09/2023 15:05	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	03/09/2023 07:02	03/09/2023 15:05	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	03/09/2023 07:02	03/09/2023 15:05	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	03/09/2023 07:02	03/09/2023 15:05	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	03/09/2023 07:02	03/09/2023 15:05	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	03/09/2023 07:02	03/09/2023 15:05	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	03/09/2023 07:02	03/09/2023 15:05	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	03/09/2023 07:02	03/09/2023 15:05	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.058	0.12	1	EPA 8260C	03/09/2023 07:02	03/09/2023 15:05	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
78-93-3	2-Butanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	03/09/2023 07:02	03/09/2023 15:05	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
67-64-1	**Acetone**	**0.034**	CCVE, ICVE	mg/kg dry	0.0058	0.012	1	EPA 8260C	03/09/2023 07:02	03/09/2023 15:05	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA			
71-43-2	Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	03/09/2023 07:02	03/09/2023 15:05	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	03/09/2023 07:02	03/09/2023 15:05	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			

Sample Information

Client Sample ID: Q4-EP 2 **York Sample ID:** 23C0335-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 8:35 am	03/07/2023

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
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 15:05	BMC
67-66-3	Chloroform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 15:05	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 15:05	BMC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 15:05	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 15:05	BMC
75-09-2	**Methylene chloride**	**0.0069**	J	mg/kg dry	0.0058	0.012	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	03/09/2023 15:05	BMC
91-20-3	Naphthalene	ND		mg/kg dry	0.0029	0.012	1	EPA 8260C Certifications:	03/09/2023 07:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/09/2023 15:05	BMC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 15:05	BMC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 15:05	BMC
95-47-6	o-Xylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/09/2023 15:05	BMC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0058	0.012	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/09/2023 15:05	BMC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 15:05	BMC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 15:05	BMC
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 15:05	BMC
108-88-3	Toluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 15:05	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 15:05	BMC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 15:05	BMC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 15:05	BMC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0087	0.017	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	03/09/2023 15:05	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*118 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*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: Q4-EP 2 **York Sample ID:** 23C0335-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 8:35 am	03/07/2023

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:23 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
108-95-2	Phenol	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*58.2 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*60.6 %*	*23-114*

Sample Information

Client Sample ID: Q4-EP 2 **York Sample ID:** 23C0335-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 8:35 am	03/07/2023

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
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*86.2 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*70.3 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*85.2 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*86.0 %*			*24-116*						

PEST, 8081 MASTER

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	0.00178	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 03:07	BJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 03:07	BJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 03:07	BJ
309-00-2	Aldrin	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 03:07	BJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 03:07	BJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	03/08/2023 22:40 NELAC-NY10854,NJDEP	03/11/2023 03:07	BJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 03:07	BJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 03:07	BJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 03:07	BJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 03:07	BJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854	03/11/2023 03:07	BJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 03:07	BJ
72-20-8	Endrin	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 03:07	BJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 03:07	BJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 03:07	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*95.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*73.2 %*	*30-150*

Sample Information

Client Sample ID: Q4-EP 2 **York Sample ID:** 23C0335-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 8:35 am	03/07/2023

PCB, 8082 MASTER

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	0.0180	1	EPA 8082A	03/08/2023 22:40	03/10/2023 21:11	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0180	1	EPA 8082A	03/08/2023 22:40	03/10/2023 21:11	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0180	1	EPA 8082A	03/08/2023 22:40	03/10/2023 21:11	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0180	1	EPA 8082A	03/08/2023 22:40	03/10/2023 21:11	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0180	1	EPA 8082A	03/08/2023 22:40	03/10/2023 21:11	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0180	1	EPA 8082A	03/08/2023 22:40	03/10/2023 21:11	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0180	1	EPA 8082A	03/08/2023 22:40	03/10/2023 21:11	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0180	1	EPA 8082A	03/08/2023 22:40	03/10/2023 21:11	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*79.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*71.0 %*	*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		mg/kg dry	0.0219	1	EPA 8151A	03/08/2023 08:15	03/09/2023 20:49	BJ-
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*68.6 %*	*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**	**1.90**		mg/kg dry	1.37	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:27	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**54.1**		mg/kg dry	2.29	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:27	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	**Beryllium**	**0.994**		mg/kg dry	0.046	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:27	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/kg dry	0.275	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:27	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: Q4-EP 2 **York Sample ID:** 23C0335-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 8:35 am	03/07/2023

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**	**14.5**		mg/kg dry	0.458	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:27	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**21.1**		mg/kg dry	1.83	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:27	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**5.85**		mg/kg dry	0.458	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:27	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**258**		mg/kg dry	0.458	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:27	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**15.4**		mg/kg dry	0.913	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:27	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.29	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:27	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.462	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:27	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**66.7**		mg/kg dry	2.28	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:27	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0330	1	EPA 7473	03/10/2023 09:40	03/10/2023 16:02	BML
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

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	0.550	1	EPA 7196A	03/08/2023 14:47	03/08/2023 19:53	SMK
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

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**	**14.5**		mg/kg	0.500	1	Calculation	03/15/2023 10:35	03/15/2023 11:10	VR
							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	0.550	1	EPA 9014/9010C	03/09/2023 14:28	03/09/2023 19:39	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Sample Information

Client Sample ID: Q4-EP 2 **York Sample ID:** 23C0335-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 8:35 am	03/07/2023

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.0**		%	0.100	1	SM 2540G	03/09/2023 10:36	03/09/2023 15:32	sgs
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: Q5-EP 1 **York Sample ID:** 23C0335-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 10:30 am	03/07/2023

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
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	03/09/2023 07:02	03/09/2023 15:31	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	03/09/2023 07:02	03/09/2023 15:31	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	03/09/2023 07:02	03/09/2023 15:31	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	03/09/2023 07:02	03/09/2023 15:31	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	03/09/2023 07:02	03/09/2023 15:31	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	03/09/2023 07:02	03/09/2023 15:31	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	03/09/2023 07:02	03/09/2023 15:31	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	03/09/2023 07:02	03/09/2023 15:31	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	03/09/2023 07:02	03/09/2023 15:31	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.070	0.14	1	EPA 8260C	03/09/2023 07:02	03/09/2023 15:31	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
78-93-3	2-Butanone	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	03/09/2023 07:02	03/09/2023 15:31	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
67-64-1	**Acetone**	**0.056**	CCVE, ICVE	mg/kg dry	0.0070	0.014	1	EPA 8260C	03/09/2023 07:02	03/09/2023 15:31	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA			
71-43-2	Benzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	03/09/2023 07:02	03/09/2023 15:31	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	03/09/2023 07:02	03/09/2023 15:31	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			

Sample Information

Client Sample ID: Q5-EP 1 **York Sample ID:** 23C0335-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 10:30 am	03/07/2023

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
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 15:31	BMC
67-66-3	Chloroform	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 15:31	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 15:31	BMC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 15:31	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 15:31	BMC
75-09-2	Methylene chloride	ND		mg/kg dry	0.0070	0.014	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 15:31	BMC
91-20-3	Naphthalene	ND		mg/kg dry	0.0035	0.014	1	EPA 8260C Certifications:	03/09/2023 07:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/09/2023 15:31	BMC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 15:31	BMC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 15:31	BMC
95-47-6	o-Xylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/09/2023 15:31	BMC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0070	0.014	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/09/2023 15:31	BMC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 15:31	BMC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 15:31	BMC
127-18-4	**Tetrachloroethylene**	**0.015**		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	03/09/2023 15:31	BMC
108-88-3	Toluene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 15:31	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 15:31	BMC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 15:31	BMC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 15:31	BMC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.011	0.021	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	03/09/2023 15:31	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*115 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: Q5-EP 1 **York Sample ID:** 23C0335-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 10:30 am	03/07/2023

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:58 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:58 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:58 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:58 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:58 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:58 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:58 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:58 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:58 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:58 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:58 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:58 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:58 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:58 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:58 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:58 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:58 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:58 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:58 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:58 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
108-95-2	Phenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:58 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:58 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*65.2 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*65.3 %*	*23-114*

Sample Information

Client Sample ID: Q5-EP 1 **York Sample ID:** 23C0335-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 10:30 am	03/07/2023

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
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*101 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*79.2 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*93.3 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*95.6 %*			*24-116*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 03:25	BJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 03:25	BJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 03:25	BJ
309-00-2	Aldrin	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 03:25	BJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 03:25	BJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	03/08/2023 22:40 NELAC-NY10854,NJDEP	03/11/2023 03:25	BJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 03:25	BJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 03:25	BJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 03:25	BJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 03:25	BJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854	03/11/2023 03:25	BJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 03:25	BJ
72-20-8	Endrin	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 03:25	BJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 03:25	BJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 03:25	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*104 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*76.6 %*	*30-150*

Sample Information

Client Sample ID: Q5-EP 1 **York Sample ID:** 23C0335-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 10:30 am	03/07/2023

PCB, 8082 MASTER

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	03/08/2023 22:40	03/10/2023 21:24	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0186	1	EPA 8082A	03/08/2023 22:40	03/10/2023 21:24	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0186	1	EPA 8082A	03/08/2023 22:40	03/10/2023 21:24	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0186	1	EPA 8082A	03/08/2023 22:40	03/10/2023 21:24	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0186	1	EPA 8082A	03/08/2023 22:40	03/10/2023 21:24	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0186	1	EPA 8082A	03/08/2023 22:40	03/10/2023 21:24	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0186	1	EPA 8082A	03/08/2023 22:40	03/10/2023 21:24	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0186	1	EPA 8082A	03/08/2023 22:40	03/10/2023 21:24	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*78.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*79.0 %*	*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		mg/kg dry	0.0223	1	EPA 8151A	03/08/2023 08:15	03/09/2023 21:00	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*76.0 %*	*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	ND		mg/kg dry	1.40	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:29	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**42.2**		mg/kg dry	2.33	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:29	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**0.840**		mg/kg dry	0.047	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:29	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.280	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:29	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: Q5-EP 1 **York Sample ID:** 23C0335-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 10:30 am	03/07/2023

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**	**13.2**		mg/kg dry	0.467	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:29	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**15.1**		mg/kg dry	1.87	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:29	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**5.17**		mg/kg dry	0.467	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:29	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**279**		mg/kg dry	0.467	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:29	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**13.5**		mg/kg dry	0.930	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:29	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.33	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:29	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.471	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:29	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**33.8**		mg/kg dry	2.33	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:29	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0336	1	EPA 7473	03/10/2023 09:40	03/10/2023 16:12	BML
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

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	0.560	1	EPA 7196A	03/09/2023 08:23	03/09/2023 14:25	SMK
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

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**	**13.2**		mg/kg	0.500	1	Calculation	03/15/2023 10:35	03/15/2023 11:10	VR
							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	0.560	1	EPA 9014/9010C	03/09/2023 14:28	03/09/2023 19:39	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Sample Information

Client Sample ID: Q5-EP 1 **York Sample ID:** 23C0335-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 10:30 am	03/07/2023

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.2**		%	0.100	1	SM 2540G	03/09/2023 10:36	03/09/2023 15:32	sgs
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: Q5-EP 2 **York Sample ID:** 23C0335-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 10:35 am	03/07/2023

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
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/09/2023 07:02	03/09/2023 15:56	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/09/2023 07:02	03/09/2023 15:56	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/09/2023 07:02	03/09/2023 15:56	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/09/2023 07:02	03/09/2023 15:56	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/09/2023 07:02	03/09/2023 15:56	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/09/2023 07:02	03/09/2023 15:56	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/09/2023 07:02	03/09/2023 15:56	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/09/2023 07:02	03/09/2023 15:56	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/09/2023 07:02	03/09/2023 15:56	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.056	0.11	1	EPA 8260C	03/09/2023 07:02	03/09/2023 15:56	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
78-93-3	2-Butanone	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/09/2023 07:02	03/09/2023 15:56	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
67-64-1	**Acetone**	**0.016**	CCVE, ICVE	mg/kg dry	0.0056	0.011	1	EPA 8260C	03/09/2023 07:02	03/09/2023 15:56	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA			
71-43-2	Benzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/09/2023 07:02	03/09/2023 15:56	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/09/2023 07:02	03/09/2023 15:56	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			

Sample Information

Client Sample ID: Q5-EP 2 **York Sample ID:** 23C0335-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 10:35 am	03/07/2023

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
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 15:56	BMC
67-66-3	Chloroform	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 15:56	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 15:56	BMC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 15:56	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 15:56	BMC
75-09-2	Methylene chloride	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 15:56	BMC
91-20-3	Naphthalene	ND		mg/kg dry	0.0028	0.011	1	EPA 8260C Certifications:	03/09/2023 07:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/09/2023 15:56	BMC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 15:56	BMC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 15:56	BMC
95-47-6	o-Xylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/09/2023 15:56	BMC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/09/2023 15:56	BMC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 15:56	BMC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 15:56	BMC
127-18-4	**Tetrachloroethylene**	**0.011**		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	03/09/2023 15:56	BMC
108-88-3	Toluene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 15:56	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 15:56	BMC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 15:56	BMC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 15:56	BMC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0083	0.017	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	03/09/2023 15:56	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*116 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*109 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: Q5-EP 2 **York Sample ID:** 23C0335-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 10:35 am	03/07/2023

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270D Certifications:	03/09/2023 22:10	03/10/2023 11:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270D Certifications:	03/09/2023 22:10	03/10/2023 11:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270D Certifications:	03/09/2023 22:10	03/10/2023 11:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270D Certifications:	03/09/2023 22:10	03/10/2023 11:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270D Certifications:	03/09/2023 22:10	03/10/2023 11:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270D Certifications:	03/09/2023 22:10	03/10/2023 11:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270D Certifications:	03/09/2023 22:10	03/10/2023 11:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270D Certifications:	03/09/2023 22:10	03/10/2023 11:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270D Certifications:	03/09/2023 22:10	03/10/2023 11:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270D Certifications:	03/09/2023 22:10	03/10/2023 11:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270D Certifications:	03/09/2023 22:10	03/10/2023 11:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270D Certifications:	03/09/2023 22:10	03/10/2023 11:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270D Certifications:	03/09/2023 22:10	03/10/2023 11:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270D Certifications:	03/09/2023 22:10	03/10/2023 11:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270D Certifications:	03/09/2023 22:10	03/10/2023 11:34 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270D Certifications:	03/09/2023 22:10	03/10/2023 11:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270D Certifications:	03/09/2023 22:10	03/10/2023 11:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270D Certifications:	03/09/2023 22:10	03/10/2023 11:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0442	0.0883	2	EPA 8270D Certifications:	03/09/2023 22:10	03/10/2023 11:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270D Certifications:	03/09/2023 22:10	03/10/2023 11:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
108-95-2	Phenol	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270D Certifications:	03/09/2023 22:10	03/10/2023 11:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270D Certifications:	03/09/2023 22:10	03/10/2023 11:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*64.7 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*65.3 %*	*23-114*

Sample Information

Client Sample ID: Q5-EP 2 **York Sample ID:** 23C0335-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 10:35 am	03/07/2023

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
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*95.4 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*73.7 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*90.8 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*91.4 %*			*24-116*						

PEST, 8081 MASTER

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	0.00170	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 03:43	BJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 03:43	BJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 03:43	BJ
309-00-2	Aldrin	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 03:43	BJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 03:43	BJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications:	03/08/2023 22:40 NELAC-NY10854,NJDEP	03/11/2023 03:43	BJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 03:43	BJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 03:43	BJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 03:43	BJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 03:43	BJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854	03/11/2023 03:43	BJ
1031-07-8	Endosulfan sulfate	ND	P	mg/kg dry	0.00170	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 03:43	BJ
72-20-8	Endrin	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 03:43	BJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 03:43	BJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 03:43	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*104 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*81.5 %*	*30-150*

Sample Information

Client Sample ID: **Q5-EP 2** **York Sample ID:** **23C0335-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 10:35 am	03/07/2023

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0172	1	EPA 8082A	03/08/2023 22:40	03/10/2023 21:38	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0172	1	EPA 8082A	03/08/2023 22:40	03/10/2023 21:38	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0172	1	EPA 8082A	03/08/2023 22:40	03/10/2023 21:38	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0172	1	EPA 8082A	03/08/2023 22:40	03/10/2023 21:38	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0172	1	EPA 8082A	03/08/2023 22:40	03/10/2023 21:38	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0172	1	EPA 8082A	03/08/2023 22:40	03/10/2023 21:38	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0172	1	EPA 8082A	03/08/2023 22:40	03/10/2023 21:38	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0172	1	EPA 8082A	03/08/2023 22:40	03/10/2023 21:38	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*94.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*85.5 %*	*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
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0212	1	EPA 8151A	03/08/2023 08:15	03/09/2023 21:11	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*77.0 %*	*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**	**1.76**		mg/kg dry	1.33	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:31	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**94.8**		mg/kg dry	2.21	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:31	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**0.548**		mg/kg dry	0.045	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:31	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.265	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:31	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: Q5-EP 2 **York Sample ID:** 23C0335-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 10:35 am	03/07/2023

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**	**8.75**		mg/kg dry	0.443	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:31	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**11.8**		mg/kg dry	1.77	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:31	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**4.19**		mg/kg dry	0.443	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:31	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**272**		mg/kg dry	0.443	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:31	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**12.0**		mg/kg dry	0.881	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:31	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.21	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:31	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.446	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:31	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**23.0**		mg/kg dry	2.20	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:31	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0319	1	EPA 7473	03/10/2023 09:40	03/10/2023 16:22	BML
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

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	0.531	1	EPA 7196A	03/09/2023 08:23	03/09/2023 14:25	SMK
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

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**	**8.75**		mg/kg	0.500	1	Calculation	03/15/2023 10:35	03/15/2023 11:10	VR
							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	0.531	1	EPA 9014/9010C	03/09/2023 14:28	03/09/2023 19:39	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Sample Information

Client Sample ID: Q5-EP 2 **York Sample ID:** 23C0335-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 10:35 am	03/07/2023

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**94.2**		%	0.100	1	SM 2540G	03/09/2023 10:36	03/09/2023 15:32	sgs
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: Q5-EP 3 **York Sample ID:** 23C0335-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 10:40 am	03/07/2023

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
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	03/09/2023 07:02	03/09/2023 16:22	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	03/09/2023 07:02	03/09/2023 16:22	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	03/09/2023 07:02	03/09/2023 16:22	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	03/09/2023 07:02	03/09/2023 16:22	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	03/09/2023 07:02	03/09/2023 16:22	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	03/09/2023 07:02	03/09/2023 16:22	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	03/09/2023 07:02	03/09/2023 16:22	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	03/09/2023 07:02	03/09/2023 16:22	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	03/09/2023 07:02	03/09/2023 16:22	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.066	0.13	1	EPA 8260C	03/09/2023 07:02	03/09/2023 16:22	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
78-93-3	2-Butanone	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	03/09/2023 07:02	03/09/2023 16:22	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
67-64-1	**Acetone**	**0.012**	J	mg/kg dry	0.0066	0.013	1	EPA 8260C	03/09/2023 07:02	03/09/2023 16:22	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA			
71-43-2	Benzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	03/09/2023 07:02	03/09/2023 16:22	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	03/09/2023 07:02	03/09/2023 16:22	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			

Sample Information

Client Sample ID: Q5-EP 3 **York Sample ID:** 23C0335-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 10:40 am	03/07/2023

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
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 16:22	BMC
67-66-3	Chloroform	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 16:22	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 16:22	BMC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 16:22	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 16:22	BMC
75-09-2	Methylene chloride	ND		mg/kg dry	0.0066	0.013	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 16:22	BMC
91-20-3	Naphthalene	ND		mg/kg dry	0.0033	0.013	1	EPA 8260C Certifications:	03/09/2023 07:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/09/2023 16:22	BMC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 16:22	BMC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 16:22	BMC
95-47-6	o-Xylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/09/2023 16:22	BMC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0066	0.013	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/09/2023 16:22	BMC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 16:22	BMC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 16:22	BMC
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 16:22	BMC
108-88-3	Toluene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 16:22	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 16:22	BMC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 16:22	BMC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 16:22	BMC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0099	0.020	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	03/09/2023 16:22	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*117 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.9 %*	*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: Q5-EP 3 **York Sample ID:** 23C0335-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 10:40 am	03/07/2023

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:09 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
108-95-2	Phenol	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*58.8 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*56.7 %*	*23-114*

Sample Information

Client Sample ID: Q5-EP 3 **York Sample ID:** 23C0335-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 10:40 am	03/07/2023

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
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*85.8 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*67.8 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*76.9 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*81.6 %*			*24-116*						

PEST, 8081 MASTER

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	0.00183	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 04:01	BJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 04:01	BJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 04:01	BJ
309-00-2	Aldrin	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 04:01	BJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 04:01	BJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	03/08/2023 22:40 NELAC-NY10854,NJDEP	03/11/2023 04:01	BJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 04:01	BJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 04:01	BJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 04:01	BJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 04:01	BJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854	03/11/2023 04:01	BJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 04:01	BJ
72-20-8	Endrin	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 04:01	BJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 04:01	BJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 04:01	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*91.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*73.1 %*	*30-150*

Sample Information

Client Sample ID: **Q5-EP 3** **York Sample ID:** **23C0335-15**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 10:40 am	03/07/2023

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0185	1	EPA 8082A	03/08/2023 22:40	03/10/2023 21:52	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0185	1	EPA 8082A	03/08/2023 22:40	03/10/2023 21:52	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0185	1	EPA 8082A	03/08/2023 22:40	03/10/2023 21:52	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0185	1	EPA 8082A	03/08/2023 22:40	03/10/2023 21:52	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0185	1	EPA 8082A	03/08/2023 22:40	03/10/2023 21:52	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0185	1	EPA 8082A	03/08/2023 22:40	03/10/2023 21:52	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0185	1	EPA 8082A	03/08/2023 22:40	03/10/2023 21:52	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0185	1	EPA 8082A	03/08/2023 22:40	03/10/2023 21:52	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*87.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*77.0 %*	*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		mg/kg dry	0.0225	1	EPA 8151A	03/08/2023 08:15	03/09/2023 21:22	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

	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	ND		mg/kg dry	1.41	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:33	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**51.6**		mg/kg dry	2.35	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:33	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**0.845**		mg/kg dry	0.047	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:33	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.282	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:33	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: **Q5-EP 3** **York Sample ID:** **23C0335-15**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 10:40 am	03/07/2023

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**	**12.7**		mg/kg dry	0.471	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:33	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**18.9**		mg/kg dry	1.88	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:33	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**5.01**		mg/kg dry	0.471	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:33	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**243**		mg/kg dry	0.471	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:33	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**13.7**		mg/kg dry	0.937	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:33	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**2.63**	M-CCV 1	mg/kg dry	2.35	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:33	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.474	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:33	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**35.5**		mg/kg dry	2.34	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:33	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0339	1	EPA 7473	03/10/2023 09:40	03/10/2023 16:32	BML
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

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	0.564	1	EPA 7196A	03/09/2023 08:23	03/09/2023 14:25	SMK
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

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**	**12.7**		mg/kg	0.500	1	Calculation	03/15/2023 10:35	03/15/2023 11:10	VR
							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	0.564	1	EPA 9014/9010C	03/09/2023 14:28	03/09/2023 19:39	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Sample Information

Client Sample ID: Q5-EP 3 **York Sample ID:** 23C0335-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 10:40 am	03/07/2023

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**88.6**		%	0.100	1	SM 2540G	03/09/2023 10:36	03/09/2023 15:32	sgs
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: Q5-EP 4 **York Sample ID:** 23C0335-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 10:45 am	03/07/2023

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
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	03/09/2023 07:02	03/09/2023 16:48	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	03/09/2023 07:02	03/09/2023 16:48	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	03/09/2023 07:02	03/09/2023 16:48	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	03/09/2023 07:02	03/09/2023 16:48	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	03/09/2023 07:02	03/09/2023 16:48	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	03/09/2023 07:02	03/09/2023 16:48	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	03/09/2023 07:02	03/09/2023 16:48	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	03/09/2023 07:02	03/09/2023 16:48	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	03/09/2023 07:02	03/09/2023 16:48	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.053	0.11	1	EPA 8260C	03/09/2023 07:02	03/09/2023 16:48	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	03/09/2023 07:02	03/09/2023 16:48	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
67-64-1	**Acetone**	**0.023**	CCVE, ICVE	mg/kg dry	0.0053	0.011	1	EPA 8260C	03/09/2023 07:02	03/09/2023 16:48	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA			
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	03/09/2023 07:02	03/09/2023 16:48	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	03/09/2023 07:02	03/09/2023 16:48	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			

Sample Information

Client Sample ID: Q5-EP 4 **York Sample ID:** 23C0335-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 10:45 am	03/07/2023

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
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 16:48	BMC
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 16:48	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 16:48	BMC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 16:48	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 16:48	BMC
75-09-2	Methylene chloride	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 16:48	BMC
91-20-3	Naphthalene	ND		mg/kg dry	0.0027	0.011	1	EPA 8260C Certifications:	03/09/2023 07:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/09/2023 16:48	BMC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 16:48	BMC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 16:48	BMC
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/09/2023 16:48	BMC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/09/2023 16:48	BMC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 16:48	BMC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 16:48	BMC
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 16:48	BMC
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 16:48	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 16:48	BMC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 16:48	BMC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 16:48	BMC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0080	0.016	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	03/09/2023 16:48	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*116 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*110 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: Q5-EP 4 **York Sample ID:** 23C0335-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 10:45 am	03/07/2023

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:45 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
108-95-2	Phenol	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*44.6 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*44.2 %*	*23-114*

Sample Information

Client Sample ID: Q5-EP 4 **York Sample ID:** 23C0335-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 10:45 am	03/07/2023

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
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*62.2 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*52.0 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*56.8 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*61.6 %*			*24-116*						

PEST, 8081 MASTER

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:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 04:20	BJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 04:20	BJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 04:20	BJ
309-00-2	Aldrin	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 04:20	BJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 04:20	BJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	03/08/2023 22:40 NELAC-NY10854,NJDEP	03/11/2023 04:20	BJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 04:20	BJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 04:20	BJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 04:20	BJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 04:20	BJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854	03/11/2023 04:20	BJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 04:20	BJ
72-20-8	Endrin	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 04:20	BJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 04:20	BJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 04:20	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*94.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*72.2 %*	*30-150*

Sample Information

Client Sample ID: Q5-EP 4 **York Sample ID:** 23C0335-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 10:45 am	03/07/2023

PCB, 8082 MASTER

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	0.0177	1	EPA 8082A Certifications:	03/08/2023 22:40 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	03/10/2023 22:32	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications:	03/08/2023 22:40 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	03/10/2023 22:32	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications:	03/08/2023 22:40 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	03/10/2023 22:32	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications:	03/08/2023 22:40 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	03/10/2023 22:32	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications:	03/08/2023 22:40 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	03/10/2023 22:32	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications:	03/08/2023 22:40 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	03/10/2023 22:32	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications:	03/08/2023 22:40 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	03/10/2023 22:32	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications:	03/08/2023 22:40	03/10/2023 22:32	BJ

Surrogate Recoveries		Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*84.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*73.5 %*	*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
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0217	1	EPA 8151A Certifications:	03/08/2023 08:15 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/09/2023 21:32	BJ-

Surrogate Recoveries		Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*81.6 %*	*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	ND		mg/kg dry	1.36	1	EPA 6010D Certifications:	03/10/2023 13:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/14/2023 10:35	CW
7440-39-3	**Barium**	**42.2**		mg/kg dry	2.27	1	EPA 6010D Certifications:	03/10/2023 13:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/14/2023 10:35	CW
7440-41-7	**Beryllium**	**0.873**		mg/kg dry	0.046	1	EPA 6010D Certifications:	03/10/2023 13:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/14/2023 10:35	CW
7440-43-9	Cadmium	ND		mg/kg dry	0.273	1	EPA 6010D Certifications:	03/10/2023 13:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/14/2023 10:35	CW

Sample Information

Client Sample ID: Q5-EP 4 **York Sample ID:** 23C0335-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 10:45 am	03/07/2023

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**	**11.5**		mg/kg dry	0.455	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:35	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**13.7**		mg/kg dry	1.82	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:35	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**4.43**		mg/kg dry	0.455	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:35	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**224**		mg/kg dry	0.455	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:35	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**11.5**		mg/kg dry	0.905	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:35	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.27	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:35	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.458	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:35	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**31.3**		mg/kg dry	2.26	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:35	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0327	1	EPA 7473	03/10/2023 09:40	03/10/2023 16:42	BML
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

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	0.545	1	EPA 7196A	03/09/2023 08:23	03/09/2023 14:25	SMK
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

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**	**11.5**		mg/kg	0.500	1	Calculation	03/15/2023 10:35	03/15/2023 11:10	VR
							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	0.545	1	EPA 9014/9010C	03/09/2023 14:28	03/09/2023 19:39	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Sample Information

Client Sample ID: Q5-EP 4 **York Sample ID:** 23C0335-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 10:45 am	03/07/2023

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**	**91.7**		%	0.100	1	SM 2540G	03/09/2023 10:36	03/09/2023 15:32	sgs
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: Q6-EP 1 **York Sample ID:** 23C0335-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 11:00 am	03/07/2023

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
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 17:13	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 17:13	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 17:13	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 17:13	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 17:13	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 17:13	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 17:13	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 17:13	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 17:13	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.054	0.11	1	EPA 8260C	03/09/2023 07:02	03/09/2023 17:13	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 17:13	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
67-64-1	**Acetone**	**0.030**	CCVE, ICVE	mg/kg dry	0.0054	0.011	1	EPA 8260C	03/09/2023 07:02	03/09/2023 17:13	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA			
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 17:13	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 17:13	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			

Sample Information

Client Sample ID: Q6-EP 1 **York Sample ID:** 23C0335-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 11:00 am	03/07/2023

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
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 17:13	BMC
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 17:13	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 17:13	BMC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 17:13	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 17:13	BMC
75-09-2	Methylene chloride	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 17:13	BMC
91-20-3	Naphthalene	ND		mg/kg dry	0.0027	0.011	1	EPA 8260C Certifications:	03/09/2023 07:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/09/2023 17:13	BMC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 17:13	BMC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 17:13	BMC
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/09/2023 17:13	BMC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/09/2023 17:13	BMC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 17:13	BMC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 17:13	BMC
127-18-4	**Tetrachloroethylene**	**0.0029**	J	mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	03/09/2023 17:13	BMC
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 17:13	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 17:13	BMC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 17:13	BMC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 17:13	BMC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0082	0.016	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	03/09/2023 17:13	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*113 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*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: Q6-EP 1 **York Sample ID:** 23C0335-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 11:00 am	03/07/2023

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:20 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:20 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:20 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:20 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:20 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:20 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:20 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:20 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:20 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:20 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:20 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:20 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:20 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:20 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:20 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:20 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:20 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:20 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0455	0.0908	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:20 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:20 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
108-95-2	Phenol	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:20 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:20 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*57.3 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*56.1 %*	*23-114*

Sample Information

Client Sample ID: Q6-EP 1 **York Sample ID:** 23C0335-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 11:00 am	03/07/2023

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
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*77.9 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*65.8 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*75.3 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*75.6 %*			*24-116*						

PEST, 8081 MASTER

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	0.00178	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 04:38	BJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 04:38	BJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 04:38	BJ
309-00-2	Aldrin	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 04:38	BJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 04:38	BJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	03/08/2023 08:22 NELAC-NY10854,NJDEP	03/11/2023 04:38	BJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 04:38	BJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 04:38	BJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 04:38	BJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 04:38	BJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854	03/11/2023 04:38	BJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 04:38	BJ
72-20-8	Endrin	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 04:38	BJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 04:38	BJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 04:38	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*72.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*56.6 %*	*30-150*

Sample Information

Client Sample ID: Q6-EP 1 **York Sample ID:** 23C0335-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 11:00 am	03/07/2023

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0182	1	EPA 8082A	03/10/2023 20:12	03/14/2023 17:59	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0182	1	EPA 8082A	03/10/2023 20:12	03/14/2023 17:59	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0182	1	EPA 8082A	03/10/2023 20:12	03/14/2023 17:59	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0182	1	EPA 8082A	03/10/2023 20:12	03/14/2023 17:59	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0182	1	EPA 8082A	03/10/2023 20:12	03/14/2023 17:59	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0182	1	EPA 8082A	03/10/2023 20:12	03/14/2023 17:59	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0182	1	EPA 8082A	03/10/2023 20:12	03/14/2023 17:59	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0182	1	EPA 8082A	03/10/2023 20:12	03/14/2023 17:59	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*93.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*83.5 %*	*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
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0220	1	EPA 8151A	03/08/2023 08:15	03/09/2023 21:43	BJ-
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*79.8 %*	*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**	**1.92**		mg/kg dry	1.38	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:37	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**46.0**		mg/kg dry	2.30	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:37	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	**Beryllium**	**0.960**		mg/kg dry	0.046	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:37	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/kg dry	0.277	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:37	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: Q6-EP 1 **York Sample ID:** 23C0335-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 11:00 am	03/07/2023

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**	**15.0**		mg/kg dry	0.461	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:37	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**15.8**		mg/kg dry	1.84	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:37	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**5.33**		mg/kg dry	0.461	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:37	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**285**		mg/kg dry	0.461	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:37	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**13.8**		mg/kg dry	0.918	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:37	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.30	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:37	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.465	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:37	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**35.5**		mg/kg dry	2.30	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:37	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0332	1	EPA 7473	03/10/2023 09:40	03/10/2023 16:52	BML
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

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	0.553	1	EPA 7196A	03/09/2023 08:23	03/09/2023 14:25	SMK
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

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**	**15.0**		mg/kg	0.500	1	Calculation	03/15/2023 10:35	03/15/2023 11:10	VR
							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	0.553	1	EPA 9014/9010C	03/09/2023 14:28	03/09/2023 19:39	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Sample Information

Client Sample ID: Q6-EP 1 **York Sample ID:** 23C0335-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 11:00 am	03/07/2023

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**	**90.4**		%	0.100	1	SM 2540G	03/09/2023 10:36	03/09/2023 15:32	sgs
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: Q6-EP 2 **York Sample ID:** 23C0335-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 11:05 am	03/07/2023

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
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 17:39	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 17:39	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 17:39	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 17:39	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 17:39	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 17:39	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 17:39	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 17:39	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 17:39	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.054	0.11	1	EPA 8260C	03/09/2023 07:02	03/09/2023 17:39	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 17:39	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
67-64-1	Acetone	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C	03/09/2023 07:02	03/09/2023 17:39	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 17:39	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 17:39	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			

Sample Information

Client Sample ID: Q6-EP 2 **York Sample ID:** 23C0335-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 11:05 am	03/07/2023

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
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 17:39	BMC
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 17:39	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 17:39	BMC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 17:39	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 17:39	BMC
75-09-2	Methylene chloride	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 17:39	BMC
91-20-3	Naphthalene	ND		mg/kg dry	0.0027	0.011	1	EPA 8260C Certifications:	03/09/2023 07:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/09/2023 17:39	BMC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 17:39	BMC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 17:39	BMC
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/09/2023 17:39	BMC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/09/2023 17:39	BMC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 17:39	BMC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 17:39	BMC
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 17:39	BMC
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 17:39	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 17:39	BMC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 17:39	BMC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 17:39	BMC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0081	0.016	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	03/09/2023 17:39	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*118 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*109 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: Q6-EP 2 **York Sample ID:** 23C0335-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 11:05 am	03/07/2023

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:56 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0471	0.0939	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
108-95-2	Phenol	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*54.7 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*51.9 %*	*23-114*

Sample Information

Client Sample ID: Q6-EP 2 **York Sample ID:** 23C0335-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 11:05 am	03/07/2023

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
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*81.1 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*61.9 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*75.2 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*79.0 %*			*24-116*						

PEST, 8081 MASTER

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	0.00189	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 05:33	BJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 05:33	BJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 05:33	BJ
309-00-2	Aldrin	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 05:33	BJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 05:33	BJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications:	03/08/2023 08:22 NELAC-NY10854,NJDEP	03/11/2023 05:33	BJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 05:33	BJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 05:33	BJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 05:33	BJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 05:33	BJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854	03/11/2023 05:33	BJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 05:33	BJ
72-20-8	Endrin	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 05:33	BJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 05:33	BJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 05:33	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*69.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*52.6 %*	*30-150*

Sample Information

Client Sample ID: Q6-EP 2 **York Sample ID:** 23C0335-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 11:05 am	03/07/2023

PCB, 8082 MASTER

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	0.0191	1	EPA 8082A	03/10/2023 20:12	03/14/2023 18:12	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0191	1	EPA 8082A	03/10/2023 20:12	03/14/2023 18:12	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0191	1	EPA 8082A	03/10/2023 20:12	03/14/2023 18:12	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0191	1	EPA 8082A	03/10/2023 20:12	03/14/2023 18:12	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0191	1	EPA 8082A	03/10/2023 20:12	03/14/2023 18:12	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0191	1	EPA 8082A	03/10/2023 20:12	03/14/2023 18:12	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0191	1	EPA 8082A	03/10/2023 20:12	03/14/2023 18:12	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0191	1	EPA 8082A	03/10/2023 20:12	03/14/2023 18:12	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*100 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*88.5 %*	*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
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0227	1	EPA 8151A	03/08/2023 08:15	03/09/2023 21:54	BJ-
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*80.0 %*	*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**	**2.24**		mg/kg dry	1.44	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:45	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**51.4**		mg/kg dry	2.39	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:45	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	**Beryllium**	**1.23**		mg/kg dry	0.048	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:45	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/kg dry	0.287	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:45	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: Q6-EP 2 **York Sample ID:** 23C0335-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 11:05 am	03/07/2023

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**	**21.1**		mg/kg dry	0.479	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:45	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**20.3**		mg/kg dry	1.91	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:45	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**9.39**		mg/kg dry	0.479	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:45	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**346**		mg/kg dry	0.479	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:45	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**17.9**		mg/kg dry	0.953	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:45	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.39	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:45	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.482	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:45	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**42.7**		mg/kg dry	2.38	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:45	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0345	1	EPA 7473	03/10/2023 09:40	03/10/2023 17:02	BML
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

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	0.574	1	EPA 7196A	03/09/2023 08:23	03/09/2023 14:25	SMK
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

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**	**21.1**		mg/kg	0.500	1	Calculation	03/15/2023 10:35	03/15/2023 11:10	VR
							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	0.574	1	EPA 9014/9010C	03/09/2023 14:28	03/09/2023 19:39	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Sample Information

Client Sample ID: Q6-EP 2 **York Sample ID:** 23C0335-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 11:05 am	03/07/2023

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	87.1		%	0.100	1	SM 2540G	03/09/2023 10:36	03/09/2023 15:32	sgs
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: Q6-EP 3 **York Sample ID:** 23C0335-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 11:10 am	03/07/2023

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
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 18:04	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 18:04	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 18:04	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 18:04	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 18:04	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 18:04	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 18:04	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 18:04	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 18:04	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.054	0.11	1	EPA 8260C	03/09/2023 07:02	03/09/2023 18:04	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 18:04	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
67-64-1	Acetone	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C	03/09/2023 07:02	03/09/2023 18:04	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 18:04	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 18:04	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			

Sample Information

Client Sample ID: Q6-EP 3 **York Sample ID:** 23C0335-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 11:10 am	03/07/2023

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
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 18:04	BMC
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 18:04	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 18:04	BMC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 18:04	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 18:04	BMC
75-09-2	Methylene chloride	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 18:04	BMC
91-20-3	Naphthalene	ND		mg/kg dry	0.0027	0.011	1	EPA 8260C Certifications:	03/09/2023 07:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/09/2023 18:04	BMC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 18:04	BMC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 18:04	BMC
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/09/2023 18:04	BMC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/09/2023 18:04	BMC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 18:04	BMC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 18:04	BMC
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 18:04	BMC
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 18:04	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 18:04	BMC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 18:04	BMC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 18:04	BMC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0082	0.016	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	03/09/2023 18:04	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*116 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*110 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: Q6-EP 3 **York Sample ID:** 23C0335-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 11:10 am	03/07/2023

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 14:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 14:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 14:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 14:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 14:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 14:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 14:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 14:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 14:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 14:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 14:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 14:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 14:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 14:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 14:32 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 14:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 14:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 14:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 14:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 14:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
108-95-2	Phenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 14:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 14:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*53.1 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*53.9 %*	*23-114*

Sample Information

Client Sample ID: Q6-EP 3 **York Sample ID:** 23C0335-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 11:10 am	03/07/2023

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
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*76.6 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*61.8 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*78.6 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*83.0 %*			*24-116*						

PEST, 8081 MASTER

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 Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 05:51	BJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 05:51	BJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 05:51	BJ
309-00-2	Aldrin	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 05:51	BJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 05:51	BJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	03/08/2023 08:22 NELAC-NY10854,NJDEP	03/11/2023 05:51	BJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 05:51	BJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 05:51	BJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 05:51	BJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 05:51	BJ
33213-65-9	Endosulfan II	ND	P	mg/kg dry	0.00180	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854	03/11/2023 05:51	BJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 05:51	BJ
72-20-8	Endrin	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 05:51	BJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 05:51	BJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 05:51	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*81.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*62.0 %*	*30-150*

Sample Information

Client Sample ID: Q6-EP 3 **York Sample ID:** 23C0335-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 11:10 am	03/07/2023

PCB, 8082 MASTER

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	0.0180	1	EPA 8082A	03/10/2023 20:12	03/14/2023 18:26	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0180	1	EPA 8082A	03/10/2023 20:12	03/14/2023 18:26	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0180	1	EPA 8082A	03/10/2023 20:12	03/14/2023 18:26	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0180	1	EPA 8082A	03/10/2023 20:12	03/14/2023 18:26	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0180	1	EPA 8082A	03/10/2023 20:12	03/14/2023 18:26	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0180	1	EPA 8082A	03/10/2023 20:12	03/14/2023 18:26	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0180	1	EPA 8082A	03/10/2023 20:12	03/14/2023 18:26	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0180	1	EPA 8082A	03/10/2023 20:12	03/14/2023 18:26	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*82.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*80.0 %*	*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		mg/kg dry	0.0214	1	EPA 8151A	03/08/2023 08:15	03/09/2023 22:05	BJ-
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*78.2 %*	*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**	**1.85**		mg/kg dry	1.38	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:47	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**45.8**		mg/kg dry	2.29	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:47	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	**Beryllium**	**0.933**		mg/kg dry	0.046	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:47	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/kg dry	0.275	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:47	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: Q6-EP 3 **York Sample ID:** 23C0335-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 11:10 am	03/07/2023

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**	**13.8**		mg/kg dry	0.459	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:47	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**15.1**		mg/kg dry	1.84	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:47	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**5.61**		mg/kg dry	0.459	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:47	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**297**		mg/kg dry	0.459	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:47	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**11.9**		mg/kg dry	0.914	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:47	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.29	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:47	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.462	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:47	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**32.1**		mg/kg dry	2.28	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:47	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0330	1	EPA 7473	03/10/2023 09:40	03/10/2023 17:12	BML
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

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	0.551	1	EPA 7196A	03/09/2023 08:23	03/09/2023 14:25	SMK
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

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**	**13.8**		mg/kg	0.500	1	Calculation	03/15/2023 10:35	03/15/2023 11:10	VR
							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	0.551	1	EPA 9014/9010C	03/09/2023 14:28	03/09/2023 19:39	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Sample Information

Client Sample ID: **Q6-EP 3** **York Sample ID:** **23C0335-19**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 11:10 am	03/07/2023

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**	**90.8**		%	0.100	1	SM 2540G	03/09/2023 10:36	03/09/2023 15:32	sgs
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: **Dupe** **York Sample ID:** **23C0335-20**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 7:00 am	03/07/2023

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
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	03/09/2023 07:02	03/09/2023 18:30	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	03/09/2023 07:02	03/09/2023 18:30	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	03/09/2023 07:02	03/09/2023 18:30	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	03/09/2023 07:02	03/09/2023 18:30	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	03/09/2023 07:02	03/09/2023 18:30	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	03/09/2023 07:02	03/09/2023 18:30	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	03/09/2023 07:02	03/09/2023 18:30	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	03/09/2023 07:02	03/09/2023 18:30	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	03/09/2023 07:02	03/09/2023 18:30	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.060	0.12	1	EPA 8260C	03/09/2023 07:02	03/09/2023 18:30	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
78-93-3	2-Butanone	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	03/09/2023 07:02	03/09/2023 18:30	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
67-64-1	**Acetone**	**0.0079**	J	mg/kg dry	0.0060	0.012	1	EPA 8260C	03/09/2023 07:02	03/09/2023 18:30	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA			
71-43-2	Benzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	03/09/2023 07:02	03/09/2023 18:30	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	03/09/2023 07:02	03/09/2023 18:30	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			

Sample Information

Client Sample ID: Dupe

York Sample ID: 23C0335-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 7:00 am	03/07/2023

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
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 18:30	BMC
67-66-3	Chloroform	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 18:30	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 18:30	BMC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 18:30	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 18:30	BMC
75-09-2	Methylene chloride	ND		mg/kg dry	0.0060	0.012	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 18:30	BMC
91-20-3	Naphthalene	ND		mg/kg dry	0.0030	0.012	1	EPA 8260C Certifications:	03/09/2023 07:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/09/2023 18:30	BMC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 18:30	BMC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 18:30	BMC
95-47-6	o-Xylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/09/2023 18:30	BMC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0060	0.012	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/09/2023 18:30	BMC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 18:30	BMC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 18:30	BMC
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 18:30	BMC
108-88-3	Toluene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 18:30	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 18:30	BMC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 18:30	BMC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 18:30	BMC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0090	0.018	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	03/09/2023 18:30	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*116 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*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: Dupe

York Sample ID: 23C0335-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 7:00 am	03/07/2023

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0703	0.140	2	EPA 8270D Certifications:	03/09/2023 19:40	03/10/2023 14:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0703	0.140	2	EPA 8270D Certifications:	03/09/2023 19:40	03/10/2023 14:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0703	0.140	2	EPA 8270D Certifications:	03/09/2023 19:40	03/10/2023 14:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0703	0.140	2	EPA 8270D Certifications:	03/09/2023 19:40	03/10/2023 14:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0703	0.140	2	EPA 8270D Certifications:	03/09/2023 19:40	03/10/2023 14:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0703	0.140	2	EPA 8270D Certifications:	03/09/2023 19:40	03/10/2023 14:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0703	0.140	2	EPA 8270D Certifications:	03/09/2023 19:40	03/10/2023 14:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0703	0.140	2	EPA 8270D Certifications:	03/09/2023 19:40	03/10/2023 14:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	Benzo(g,h,i)perylene	ND	CCVE	mg/kg dry	0.0703	0.140	2	EPA 8270D Certifications:	03/09/2023 19:40	03/10/2023 14:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0703	0.140	2	EPA 8270D Certifications:	03/09/2023 19:40	03/10/2023 14:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0703	0.140	2	EPA 8270D Certifications:	03/09/2023 19:40	03/10/2023 14:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	Dibenzo(a,h)anthracene	ND	CCVE	mg/kg dry	0.0703	0.140	2	EPA 8270D Certifications:	03/09/2023 19:40	03/10/2023 14:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0703	0.140	2	EPA 8270D Certifications:	03/09/2023 19:40	03/10/2023 14:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0703	0.140	2	EPA 8270D Certifications:	03/09/2023 19:40	03/10/2023 14:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0703	0.140	2	EPA 8270D Certifications:	03/09/2023 19:40	03/10/2023 14:16 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0703	0.140	2	EPA 8270D Certifications:	03/09/2023 19:40	03/10/2023 14:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0703	0.140	2	EPA 8270D Certifications:	03/09/2023 19:40	03/10/2023 14:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0703	0.140	2	EPA 8270D Certifications:	03/09/2023 19:40	03/10/2023 14:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
87-86-5	Pentachlorophenol	ND	CCVE, CAL-E	mg/kg dry	0.0703	0.140	2	EPA 8270D Certifications:	03/09/2023 19:40	03/10/2023 14:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0703	0.140	2	EPA 8270D Certifications:	03/09/2023 19:40	03/10/2023 14:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
108-95-2	Phenol	ND		mg/kg dry	0.0703	0.140	2	EPA 8270D Certifications:	03/09/2023 19:40	03/10/2023 14:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0703	0.140	2	EPA 8270D Certifications:	03/09/2023 19:40	03/10/2023 14:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*56.2 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*54.7 %*	*23-114*

Sample Information

Client Sample ID: **Dupe** **York Sample ID:** **23C0335-20**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 7:00 am	03/07/2023

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
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*57.8 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*58.6 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*62.5 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*78.5 %*			*24-116*						

PEST, 8081 MASTER

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:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 06:09	BJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 06:09	BJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 06:09	BJ
309-00-2	Aldrin	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 06:09	BJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 06:09	BJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications:	03/08/2023 08:22 NELAC-NY10854,NJDEP	03/11/2023 06:09	BJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 06:09	BJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 06:09	BJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 06:09	BJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 06:09	BJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854	03/11/2023 06:09	BJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 06:09	BJ
72-20-8	Endrin	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 06:09	BJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 06:09	BJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 06:09	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*88.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*69.5 %*	*30-150*

Sample Information

Client Sample ID: Dupe **York Sample ID:** 23C0335-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 7:00 am	03/07/2023

PCB, 8082 MASTER

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	0.0188	1	EPA 8082A Certifications:	03/10/2023 20:12 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	03/14/2023 18:40	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0188	1	EPA 8082A Certifications:	03/10/2023 20:12 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	03/14/2023 18:40	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0188	1	EPA 8082A Certifications:	03/10/2023 20:12 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	03/14/2023 18:40	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0188	1	EPA 8082A Certifications:	03/10/2023 20:12 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	03/14/2023 18:40	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0188	1	EPA 8082A Certifications:	03/10/2023 20:12 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	03/14/2023 18:40	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0188	1	EPA 8082A Certifications:	03/10/2023 20:12 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	03/14/2023 18:40	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0188	1	EPA 8082A Certifications:	03/10/2023 20:12 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	03/14/2023 18:40	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0188	1	EPA 8082A Certifications:	03/10/2023 20:12	03/14/2023 18:40	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*83.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*75.0 %*	*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		mg/kg dry	0.0222	1	EPA 8151A Certifications:	03/08/2023 08:15 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/09/2023 22:15	BJ-

	Surrogate Recoveries	Result		Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*19.2 %*	S-04, S-08	*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**	**2.05**		mg/kg dry	1.42	1	EPA 6010D Certifications:	03/10/2023 13:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/14/2023 10:49	CW
7440-39-3	**Barium**	**26.9**		mg/kg dry	2.37	1	EPA 6010D Certifications:	03/10/2023 13:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/14/2023 10:49	CW
7440-41-7	**Beryllium**	**0.836**		mg/kg dry	0.048	1	EPA 6010D Certifications:	03/10/2023 13:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/14/2023 10:49	CW
7440-43-9	Cadmium	ND		mg/kg dry	0.284	1	EPA 6010D Certifications:	03/10/2023 13:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/14/2023 10:49	CW

Sample Information

Client Sample ID: Dupe

York Sample ID: 23C0335-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 7:00 am	03/07/2023

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**	**12.5**		mg/kg dry	0.474	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:49	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**16.5**		mg/kg dry	1.90	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:49	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**4.80**		mg/kg dry	0.474	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:49	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**215**		mg/kg dry	0.474	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:49	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**12.0**		mg/kg dry	0.944	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:49	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.37	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:49	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.478	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:49	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**29.8**		mg/kg dry	2.36	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:49	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0341	1	EPA 7473	03/10/2023 09:40	03/10/2023 17:22	BML
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

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	0.569	1	EPA 7196A	03/09/2023 08:23	03/09/2023 14:25	SMK
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

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**	**12.5**		mg/kg	0.500	1	Calculation	03/15/2023 10:35	03/15/2023 11:10	VR
							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	0.569	1	EPA 9014/9010C	03/09/2023 14:28	03/09/2023 19:39	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Sample Information

Client Sample ID: **Dupe** **York Sample ID:** **23C0335-20**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 7:00 am	03/07/2023

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**	**87.9**		%	0.100	1	SM 2540G	03/09/2023 10:36	03/09/2023 15:32	sgs
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **23C0335-21**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Water	March 6, 2023 7:00 am	03/07/2023

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C	03/10/2023 06:35	03/12/2023 10:37	JTG
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C	03/10/2023 06:35	03/12/2023 10:37	JTG
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C	03/10/2023 06:35	03/12/2023 10:37	JTG
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C	03/10/2023 06:35	03/12/2023 10:37	JTG
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C	03/10/2023 06:35	03/12/2023 10:37	JTG
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C	03/10/2023 06:35	03/12/2023 10:37	JTG
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C	03/10/2023 06:35	03/12/2023 10:37	JTG
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C	03/10/2023 06:35	03/12/2023 10:37	JTG
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C	03/10/2023 06:35	03/12/2023 10:37	JTG
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260C	03/10/2023 06:35	03/12/2023 10:37	JTG
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C	03/10/2023 06:35	03/12/2023 10:37	JTG
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260C	03/10/2023 06:35	03/12/2023 10:37	JTG
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C	03/10/2023 06:35	03/12/2023 10:37	JTG
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C	03/10/2023 06:35	03/12/2023 10:37	JTG
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			

Sample Information

Client Sample ID: Trip Blank

York Sample ID: 23C0335-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Water	March 6, 2023 7:00 am	03/07/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	03/10/2023 06:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/12/2023 10:37	JTG
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	03/10/2023 06:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/12/2023 10:37	JTG
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C Certifications:	03/10/2023 06:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/12/2023 10:37	JTG
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	03/10/2023 06:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/12/2023 10:37	JTG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	03/10/2023 06:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/12/2023 10:37	JTG
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications:	03/10/2023 06:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/12/2023 10:37	JTG
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C Certifications:	03/10/2023 06:35 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/12/2023 10:37	JTG
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	03/10/2023 06:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/12/2023 10:37	JTG
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	03/10/2023 06:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/12/2023 10:37	JTG
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	03/10/2023 06:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/12/2023 10:37	JTG
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	03/10/2023 06:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/12/2023 10:37	JTG
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	03/10/2023 06:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/12/2023 10:37	JTG
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	03/10/2023 06:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/12/2023 10:37	JTG
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260C Certifications:	03/10/2023 06:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/12/2023 10:37	JTG
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	03/10/2023 06:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/12/2023 10:37	JTG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	03/10/2023 06:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/12/2023 10:37	JTG
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	03/10/2023 06:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/12/2023 10:37	JTG
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications:	03/10/2023 06:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/12/2023 10:37	JTG
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications:	03/10/2023 06:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	03/12/2023 10:37	JTG

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*110 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.4 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*110 %*	*79-122*

Analytical Batch Summary

Batch ID: BC30483 **Preparation Method:** EPA 3550C/8151A **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
23C0335-06	Q2-EP 3	03/08/23
23C0335-07	Q2-EP 4	03/08/23
23C0335-08	Q3-EP 1	03/08/23
23C0335-09	Q3-EP 2	03/08/23
23C0335-11	Q4-EP 1	03/08/23
23C0335-12	Q4-EP 2	03/08/23
23C0335-13	Q5-EP 1	03/08/23
23C0335-14	Q5-EP 2	03/08/23
23C0335-15	Q5-EP 3	03/08/23
23C0335-16	Q5-EP 4	03/08/23
23C0335-17	Q6-EP 1	03/08/23
23C0335-18	Q6-EP 2	03/08/23
23C0335-19	Q6-EP 3	03/08/23
23C0335-20	Dupe	03/08/23
BC30483-BLK1	Blank	03/08/23
BC30483-BS1	LCS	03/08/23
BC30483-MS1	Matrix Spike	03/08/23
BC30483-MSD1	Matrix Spike Dup	03/08/23

Batch ID: BC30490 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
23C0335-17	Q6-EP 1	03/08/23
23C0335-18	Q6-EP 2	03/08/23
23C0335-19	Q6-EP 3	03/08/23
23C0335-20	Dupe	03/08/23
BC30490-BLK1	Blank	03/08/23
BC30490-BS1	LCS	03/08/23

Batch ID: BC30498 **Preparation Method:** EPA 3550C/8151A **Prepared By:** JES

YORK Sample ID	Client Sample ID	Preparation Date
23C0335-01	Q1-EP 1	03/08/23
23C0335-02	Q1-EP 2	03/08/23
23C0335-03	Q1-EP 3	03/08/23
23C0335-04	Q2-EP 1	03/08/23
23C0335-05	Q2-EP 2	03/08/23
23C0335-10	Q3-EP 3	03/08/23
BC30498-BLK1	Blank	03/08/23
BC30498-BS1	LCS	03/08/23
BC30498-MS1	Matrix Spike	03/08/23
BC30498-MSD1	Matrix Spike Dup	03/08/23

Batch ID: BC30500 **Preparation Method:** EPA 3550C **Prepared By:** JES

YORK Sample ID	Client Sample ID	Preparation Date
23C0335-01	Q1-EP 1	03/08/23
23C0335-01	Q1-EP 1	03/08/23
23C0335-02	Q1-EP 2	03/08/23
23C0335-02	Q1-EP 2	03/08/23
23C0335-03	Q1-EP 3	03/08/23
23C0335-03	Q1-EP 3	03/08/23
23C0335-04	Q2-EP 1	03/08/23
23C0335-04	Q2-EP 1	03/08/23
23C0335-05	Q2-EP 2	03/08/23
23C0335-05	Q2-EP 2	03/08/23
23C0335-06	Q2-EP 3	03/08/23
23C0335-06	Q2-EP 3	03/08/23
23C0335-07	Q2-EP 4	03/08/23
23C0335-07	Q2-EP 4	03/08/23
23C0335-08	Q3-EP 1	03/08/23
23C0335-08	Q3-EP 1	03/08/23
23C0335-09	Q3-EP 2	03/08/23
23C0335-09	Q3-EP 2	03/08/23
23C0335-10	Q3-EP 3	03/08/23
23C0335-10	Q3-EP 3	03/08/23
23C0335-11	Q4-EP 1	03/08/23
23C0335-11	Q4-EP 1	03/08/23
23C0335-12	Q4-EP 2	03/08/23
23C0335-12	Q4-EP 2	03/08/23
23C0335-13	Q5-EP 1	03/08/23
23C0335-13	Q5-EP 1	03/08/23
23C0335-14	Q5-EP 2	03/08/23
23C0335-14	Q5-EP 2	03/08/23
23C0335-15	Q5-EP 3	03/08/23
23C0335-15	Q5-EP 3	03/08/23
23C0335-16	Q5-EP 4	03/08/23
23C0335-16	Q5-EP 4	03/08/23
BC30500-BLK1	Blank	03/08/23
BC30500-BLK2	Blank	03/08/23
BC30500-BS1	LCS	03/08/23
BC30500-BS2	LCS	03/08/23
BC30500-MS2	Matrix Spike	03/08/23
BC30500-MSD2	Matrix Spike Dup	03/08/23

Batch ID: BC30534 **Preparation Method:** Analysis Preparation Soil **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
23C0335-01	Q1-EP 1	03/08/23
23C0335-02	Q1-EP 2	03/08/23
23C0335-03	Q1-EP 3	03/08/23
23C0335-04	Q2-EP 1	03/08/23
23C0335-05	Q2-EP 2	03/08/23
23C0335-06	Q2-EP 3	03/08/23
23C0335-07	Q2-EP 4	03/08/23

23C0335-08	Q3-EP 1	03/08/23
23C0335-09	Q3-EP 2	03/08/23
23C0335-10	Q3-EP 3	03/08/23
23C0335-11	Q4-EP 1	03/08/23
BC30534-BLK1	Blank	03/08/23
BC30534-DUP1	Duplicate	03/08/23
BC30534-MS1	Matrix Spike	03/08/23
BC30534-SRM1	Reference	03/08/23

Batch ID: BC30538 **Preparation Method:** EPA SW846-3060 **Prepared By:** SMK

YORK Sample ID	Client Sample ID	Preparation Date
23C0335-01	Q1-EP 1	03/08/23
23C0335-02	Q1-EP 2	03/08/23
23C0335-03	Q1-EP 3	03/08/23
23C0335-04	Q2-EP 1	03/08/23
23C0335-05	Q2-EP 2	03/08/23
23C0335-06	Q2-EP 3	03/08/23
23C0335-07	Q2-EP 4	03/08/23
23C0335-08	Q3-EP 1	03/08/23
23C0335-09	Q3-EP 2	03/08/23
23C0335-10	Q3-EP 3	03/08/23
23C0335-11	Q4-EP 1	03/08/23
23C0335-12	Q4-EP 2	03/08/23
BC30538-BLK1	Blank	03/08/23
BC30538-DUP1	Duplicate	03/08/23
BC30538-MS1	Matrix Spike	03/08/23
BC30538-SRM1	Reference	03/08/23

Batch ID: BC30571 **Preparation Method:** EPA 3550C **Prepared By:** JES

YORK Sample ID	Client Sample ID	Preparation Date
23C0335-20	Dupe	03/09/23
BC30571-BLK1	Blank	03/09/23
BC30571-BS1	LCS	03/09/23
BC30571-MS1	Matrix Spike	03/09/23
BC30571-MSD1	Matrix Spike Dup	03/09/23

Batch ID: BC30572 **Preparation Method:** EPA SW846-3060 **Prepared By:** SMK

YORK Sample ID	Client Sample ID	Preparation Date
23C0335-13	Q5-EP 1	03/09/23
23C0335-14	Q5-EP 2	03/09/23
23C0335-15	Q5-EP 3	03/09/23
23C0335-16	Q5-EP 4	03/09/23
23C0335-17	Q6-EP 1	03/09/23
23C0335-18	Q6-EP 2	03/09/23
23C0335-19	Q6-EP 3	03/09/23
23C0335-20	Dupe	03/09/23
BC30572-BLK1	Blank	03/09/23

BC30572-DUP1	Duplicate	03/09/23
BC30572-MS1	Matrix Spike	03/09/23
BC30572-SRM1	Reference	03/09/23

Batch ID: BC30578 **Preparation Method:** EPA 3550C **Prepared By:** JES

YORK Sample ID	Client Sample ID	Preparation Date
23C0335-01	Q1-EP 1	03/09/23
23C0335-02	Q1-EP 2	03/09/23
23C0335-03	Q1-EP 3	03/09/23
23C0335-04	Q2-EP 1	03/09/23
23C0335-05	Q2-EP 2	03/09/23
23C0335-06	Q2-EP 3	03/09/23
23C0335-07	Q2-EP 4	03/09/23
23C0335-08	Q3-EP 1	03/09/23
23C0335-09	Q3-EP 2	03/09/23
23C0335-10	Q3-EP 3	03/09/23
23C0335-11	Q4-EP 1	03/09/23
23C0335-12	Q4-EP 2	03/09/23
23C0335-13	Q5-EP 1	03/09/23
23C0335-14	Q5-EP 2	03/09/23
23C0335-15	Q5-EP 3	03/09/23
23C0335-16	Q5-EP 4	03/09/23
23C0335-17	Q6-EP 1	03/09/23
23C0335-18	Q6-EP 2	03/09/23
23C0335-19	Q6-EP 3	03/09/23
BC30578-BLK1	Blank	03/09/23
BC30578-BS1	LCS	03/09/23

Batch ID: BC30580 **Preparation Method:** EPA 5035A **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
23C0335-01	Q1-EP 1	03/09/23
23C0335-02	Q1-EP 2	03/09/23
23C0335-03	Q1-EP 3	03/09/23
23C0335-04	Q2-EP 1	03/09/23
23C0335-05	Q2-EP 2	03/09/23
23C0335-06	Q2-EP 3	03/09/23
23C0335-07	Q2-EP 4	03/09/23
23C0335-08	Q3-EP 1	03/09/23
23C0335-09	Q3-EP 2	03/09/23
23C0335-10	Q3-EP 3	03/09/23
23C0335-11	Q4-EP 1	03/09/23
23C0335-12	Q4-EP 2	03/09/23
23C0335-13	Q5-EP 1	03/09/23
23C0335-14	Q5-EP 2	03/09/23
23C0335-15	Q5-EP 3	03/09/23
23C0335-16	Q5-EP 4	03/09/23
23C0335-17	Q6-EP 1	03/09/23
23C0335-18	Q6-EP 2	03/09/23
23C0335-19	Q6-EP 3	03/09/23

23C0335-20	Dupe	03/09/23
BC30580-BLK1	Blank	03/09/23
BC30580-BS1	LCS	03/09/23
BC30580-BSD1	LCS Dup	03/09/23

Batch ID: BC30601 **Preparation Method:** % Solids Prep **Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date
23C0335-01	Q1-EP 1	03/09/23
23C0335-02	Q1-EP 2	03/09/23
23C0335-03	Q1-EP 3	03/09/23
23C0335-04	Q2-EP 1	03/09/23
23C0335-05	Q2-EP 2	03/09/23
23C0335-06	Q2-EP 3	03/09/23
23C0335-07	Q2-EP 4	03/09/23
23C0335-08	Q3-EP 1	03/09/23
23C0335-09	Q3-EP 2	03/09/23
23C0335-10	Q3-EP 3	03/09/23
23C0335-11	Q4-EP 1	03/09/23
23C0335-12	Q4-EP 2	03/09/23
23C0335-13	Q5-EP 1	03/09/23
23C0335-14	Q5-EP 2	03/09/23
23C0335-15	Q5-EP 3	03/09/23
23C0335-16	Q5-EP 4	03/09/23
23C0335-17	Q6-EP 1	03/09/23
23C0335-18	Q6-EP 2	03/09/23
23C0335-19	Q6-EP 3	03/09/23
23C0335-20	Dupe	03/09/23
BC30601-DUP1	Duplicate	03/09/23

Batch ID: BC30625 **Preparation Method:** Analysis Preparation Soil **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
23C0335-12	Q4-EP 2	03/09/23
23C0335-13	Q5-EP 1	03/09/23
23C0335-14	Q5-EP 2	03/09/23
23C0335-15	Q5-EP 3	03/09/23
23C0335-16	Q5-EP 4	03/09/23
23C0335-17	Q6-EP 1	03/09/23
23C0335-18	Q6-EP 2	03/09/23
23C0335-19	Q6-EP 3	03/09/23
23C0335-20	Dupe	03/09/23
BC30625-BLK1	Blank	03/09/23
BC30625-DUP1	Duplicate	03/09/23
BC30625-MS1	Matrix Spike	03/09/23
BC30625-SRM1	Reference	03/09/23

Batch ID: BC30688 **Preparation Method:** EPA 7473 soil **Prepared By:** BML

YORK Sample ID	Client Sample ID	Preparation Date

23C0335-01	Q1-EP 1	03/10/23
23C0335-02	Q1-EP 2	03/10/23
23C0335-03	Q1-EP 3	03/10/23
23C0335-04	Q2-EP 1	03/10/23
23C0335-05	Q2-EP 2	03/10/23
23C0335-06	Q2-EP 3	03/10/23
23C0335-07	Q2-EP 4	03/10/23
23C0335-08	Q3-EP 1	03/10/23
23C0335-09	Q3-EP 2	03/10/23
23C0335-11	Q4-EP 1	03/10/23
23C0335-12	Q4-EP 2	03/10/23
23C0335-13	Q5-EP 1	03/10/23
23C0335-14	Q5-EP 2	03/10/23
23C0335-15	Q5-EP 3	03/10/23
23C0335-16	Q5-EP 4	03/10/23
23C0335-17	Q6-EP 1	03/10/23
23C0335-18	Q6-EP 2	03/10/23
23C0335-19	Q6-EP 3	03/10/23
23C0335-20	Dupe	03/10/23
BC30688-BLK1	Blank	03/10/23
BC30688-DUP1	Duplicate	03/10/23
BC30688-MS1	Matrix Spike	03/10/23
BC30688-SRM1	Reference	03/10/23

Batch ID: BC30711 **Preparation Method:** EPA 3550C **Prepared By:** JES

YORK Sample ID	Client Sample ID	Preparation Date
23C0335-17	Q6-EP 1	03/10/23
23C0335-18	Q6-EP 2	03/10/23
23C0335-19	Q6-EP 3	03/10/23
23C0335-20	Dupe	03/10/23
BC30711-BLK1	Blank	03/10/23
BC30711-BS1	LCS	03/10/23
BC30711-MS1	Matrix Spike	03/10/23
BC30711-MSD1	Matrix Spike Dup	03/10/23

Batch ID: BC30718 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
23C0335-01	Q1-EP 1	03/10/23
23C0335-02	Q1-EP 2	03/10/23
23C0335-03	Q1-EP 3	03/10/23
BC30718-BLK1	Blank	03/10/23
BC30718-DUP1	Duplicate	03/10/23
BC30718-MS1	Matrix Spike	03/10/23
BC30718-PS1	Post Spike	03/10/23
BC30718-SRM1	Reference	03/10/23

Batch ID: BC30719 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
23C0335-04	Q2-EP 1	03/10/23
23C0335-05	Q2-EP 2	03/10/23
23C0335-06	Q2-EP 3	03/10/23
23C0335-07	Q2-EP 4	03/10/23
23C0335-08	Q3-EP 1	03/10/23
23C0335-09	Q3-EP 2	03/10/23
23C0335-10	Q3-EP 3	03/10/23
23C0335-11	Q4-EP 1	03/10/23
23C0335-12	Q4-EP 2	03/10/23
23C0335-13	Q5-EP 1	03/10/23
23C0335-14	Q5-EP 2	03/10/23
23C0335-15	Q5-EP 3	03/10/23
23C0335-16	Q5-EP 4	03/10/23
23C0335-17	Q6-EP 1	03/10/23
23C0335-18	Q6-EP 2	03/10/23
23C0335-19	Q6-EP 3	03/10/23
23C0335-20	Dupe	03/10/23
BC30719-BLK1	Blank	03/10/23
BC30719-DUP1	Duplicate	03/10/23
BC30719-MS1	Matrix Spike	03/10/23
BC30719-PS1	Post Spike	03/10/23
BC30719-SRM1	Reference	03/10/23

Batch ID: BC30721 **Preparation Method:** EPA 7473 soil **Prepared By:** BML

YORK Sample ID	Client Sample ID	Preparation Date
23C0335-10	Q3-EP 3	03/10/23
BC30721-BLK1	Blank	03/10/23
BC30721-DUP1	Duplicate	03/10/23
BC30721-MS1	Matrix Spike	03/10/23
BC30721-SRM1	Reference	03/10/23

Batch ID: BC30858 **Preparation Method:** EPA 5030B **Prepared By:** JTG

YORK Sample ID	Client Sample ID	Preparation Date
23C0335-21	Trip Blank	03/10/23
BC30858-BLK1	Blank	03/10/23
BC30858-BS1	LCS	03/10/23
BC30858-BSD1	LCS Dup	03/10/23

Batch ID: BC31023 **Preparation Method:** Analysis Preparation **Prepared By:** VR

YORK Sample ID	Client Sample ID	Preparation Date
23C0335-01	Q1-EP 1	03/15/23
23C0335-02	Q1-EP 2	03/15/23
23C0335-03	Q1-EP 3	03/15/23
23C0335-04	Q2-EP 1	03/15/23
23C0335-05	Q2-EP 2	03/15/23
23C0335-06	Q2-EP 3	03/15/23

23C0335-07	Q2-EP 4	03/15/23
23C0335-08	Q3-EP 1	03/15/23
23C0335-09	Q3-EP 2	03/15/23
23C0335-10	Q3-EP 3	03/15/23
23C0335-11	Q4-EP 1	03/15/23
23C0335-12	Q4-EP 2	03/15/23
23C0335-13	Q5-EP 1	03/15/23
23C0335-14	Q5-EP 2	03/15/23
23C0335-15	Q5-EP 3	03/15/23
23C0335-16	Q5-EP 4	03/15/23
23C0335-17	Q6-EP 1	03/15/23
23C0335-18	Q6-EP 2	03/15/23
23C0335-19	Q6-EP 3	03/15/23
23C0335-20	Dupe	03/15/23

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 BC30580 - EPA 5035A											
Blank (BC30580-BLK1)									Prepared & Analyzed: 03/09/2023		
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	*54.7*		*ug/L*	*50.0*		*109*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.7*		*"*	*50.0*		*101*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*55.4*		*"*	*50.0*		*111*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30580 - EPA 5035A											
LCS (BC30580-BS1)							Prepared & Analyzed: 03/09/2023				
1,1,1-Trichloroethane	51.9		ug/L	50.0		104	71-137				
1,1-Dichloroethane	47.4		"	50.0		94.8	75-130				
1,1-Dichloroethylene	49.4		"	50.0		98.8	64-137				
1,2,4-Trimethylbenzene	48.8		"	50.0		97.7	84-125				
1,2-Dichlorobenzene	49.0		"	50.0		98.0	85-122				
1,2-Dichloroethane	54.3		"	50.0		109	71-133				
1,3,5-Trimethylbenzene	49.4		"	50.0		98.9	82-126				
1,3-Dichlorobenzene	47.5		"	50.0		95.0	84-124				
1,4-Dichlorobenzene	46.5		"	50.0		93.0	84-124				
1,4-Dioxane	1060		"	1050		101	10-228				
2-Butanone	47.0		"	50.0		94.0	58-147				
Acetone	41.4		"	50.0		82.9	36-155				
Benzene	49.1		"	50.0		98.2	77-127				
Carbon tetrachloride	52.9		"	50.0		106	66-143				
Chlorobenzene	51.4		"	50.0		103	86-120				
Chloroform	50.7		"	50.0		101	76-131				
cis-1,2-Dichloroethylene	50.5		"	50.0		101	74-132				
Ethyl Benzene	50.6		"	50.0		101	84-125				
Methyl tert-butyl ether (MTBE)	47.1		"	50.0		94.3	74-131				
Methylene chloride	48.9		"	50.0		97.9	57-141				
Naphthalene	49.1		"	50.0		98.2	86-141				
n-Butylbenzene	50.6		"	50.0		101	80-130				
n-Propylbenzene	50.3		"	50.0		101	74-136				
o-Xylene	51.0		"	50.0		102	83-123				
p- & m- Xylenes	103		"	100		103	82-128				
sec-Butylbenzene	49.6		"	50.0		99.1	83-125				
tert-Butylbenzene	43.1		"	50.0		86.2	80-127				
Tetrachloroethylene	42.1		"	50.0		84.2	80-129				
Toluene	49.5		"	50.0		99.0	85-121				
trans-1,2-Dichloroethylene	49.7		"	50.0		99.4	72-132				
Trichloroethylene	50.0		"	50.0		100	84-123				
Vinyl Chloride	56.3		"	50.0		113	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*53.4*		*"*	*50.0*		*107*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.8*		*"*	*50.0*		*102*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.6*		*"*	*50.0*		*99.3*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30580 - EPA 5035A											
LCS Dup (BC30580-BSD1)								Prepared & Analyzed: 03/09/2023			
1,1,1-Trichloroethane	53.5		ug/L	50.0		107	71-137		3.11	30	
1,1-Dichloroethane	48.4		"	50.0		96.9	75-130		2.13	30	
1,1-Dichloroethylene	49.1		"	50.0		98.3	64-137		0.528	30	
1,2,4-Trimethylbenzene	50.7		"	50.0		101	84-125		3.76	30	
1,2-Dichlorobenzene	50.5		"	50.0		101	85-122		2.97	30	
1,2-Dichloroethane	54.2		"	50.0		108	71-133		0.148	30	
1,3,5-Trimethylbenzene	51.4		"	50.0		103	82-126		3.83	30	
1,3-Dichlorobenzene	49.3		"	50.0		98.6	84-124		3.72	30	
1,4-Dichlorobenzene	49.0		"	50.0		98.0	84-124		5.22	30	
1,4-Dioxane	1010		"	1050		96.7	10-228		4.74	30	
2-Butanone	44.5		"	50.0		89.1	58-147		5.37	30	
Acetone	38.6		"	50.0		77.3	36-155		7.02	30	
Benzene	50.1		"	50.0		100	77-127		2.08	30	
Carbon tetrachloride	53.4		"	50.0		107	66-143		1.09	30	
Chlorobenzene	52.1		"	50.0		104	86-120		1.37	30	
Chloroform	52.2		"	50.0		104	76-131		2.82	30	
cis-1,2-Dichloroethylene	51.5		"	50.0		103	74-132		1.98	30	
Ethyl Benzene	51.5		"	50.0		103	84-125		1.80	30	
Methyl tert-butyl ether (MTBE)	47.0		"	50.0		94.1	74-131		0.212	30	
Methylene chloride	48.5		"	50.0		97.1	57-141		0.821	30	
Naphthalene	49.0		"	50.0		97.9	86-141		0.286	30	
n-Butylbenzene	52.8		"	50.0		106	80-130		4.27	30	
n-Propylbenzene	52.1		"	50.0		104	74-136		3.63	30	
o-Xylene	51.6		"	50.0		103	83-123		1.29	30	
p- & m- Xylenes	105		"	100		105	82-128		2.17	30	
sec-Butylbenzene	51.5		"	50.0		103	83-125		3.90	30	
tert-Butylbenzene	44.8		"	50.0		89.7	80-127		3.96	30	
Tetrachloroethylene	43.5		"	50.0		87.0	80-129		3.18	30	
Toluene	50.7		"	50.0		101	85-121		2.40	30	
trans-1,2-Dichloroethylene	50.4		"	50.0		101	72-132		1.26	30	
Trichloroethylene	50.9		"	50.0		102	84-123		1.74	30	
Vinyl Chloride	56.7		"	50.0		113	52-130		0.761	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*53.5*		*"*	*50.0*		*107*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.7*		*"*	*50.0*		*101*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.2*		*"*	*50.0*		*100*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30858 - EPA 5030B											
Blank (BC30858-BLK1)											
Prepared: 03/10/2023 Analyzed: 03/12/2023											
1,1,1-Trichloroethane	ND	0.500	ug/L								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
Acetone	ND	2.00	"								
Benzene	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroform	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
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	"								
sec-Butylbenzene	ND	0.500	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.4*		*"*	*10.0*		*104*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.0*		*"*	*10.0*		*100*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*11.0*		*"*	*10.0*		*110*	*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 BC30858 - EPA 5030B											
LCS (BC30858-BS1)									Prepared: 03/10/2023 Analyzed: 03/12/2023		
1,1,1-Trichloroethane	11.1		ug/L	10.0		111	78-136				
1,1-Dichloroethane	11.0		"	10.0		110	82-129				
1,1-Dichloroethylene	12.1		"	10.0		121	68-138				
1,2,4-Trimethylbenzene	10.9		"	10.0		109	82-132				
1,2-Dichlorobenzene	10.4		"	10.0		104	79-123				
1,2-Dichloroethane	11.2		"	10.0		112	73-132				
1,3,5-Trimethylbenzene	11.0		"	10.0		110	80-131				
1,3-Dichlorobenzene	10.5		"	10.0		105	86-122				
1,4-Dichlorobenzene	10.4		"	10.0		104	85-124				
1,4-Dioxane	180		"	210		85.8	10-349				
2-Butanone	7.97		"	10.0		79.7	49-152				
Acetone	12.6		"	10.0		126	14-150				
Benzene	10.4		"	10.0		104	85-126				
Carbon tetrachloride	11.4		"	10.0		114	77-141				
Chlorobenzene	11.1		"	10.0		111	88-120				
Chloroform	10.8		"	10.0		108	82-128				
cis-1,2-Dichloroethylene	10.2		"	10.0		102	83-129				
Ethyl Benzene	11.3		"	10.0		113	80-131				
Methyl tert-butyl ether (MTBE)	9.73		"	10.0		97.3	76-135				
Methylene chloride	11.4		"	10.0		114	55-137				
Naphthalene	9.10		"	10.0		91.0	70-147				
n-Butylbenzene	11.3		"	10.0		113	79-132				
n-Propylbenzene	11.6		"	10.0		116	78-133				
o-Xylene	11.3		"	10.0		113	78-130				
p- & m- Xylenes	22.6		"	20.0		113	77-133				
sec-Butylbenzene	11.2		"	10.0		112	79-137				
tert-Butylbenzene	9.51		"	10.0		95.1	77-138				
Tetrachloroethylene	10.1		"	10.0		101	82-131				
Toluene	10.5		"	10.0		105	80-127				
trans-1,2-Dichloroethylene	11.4		"	10.0		114	80-132				
Trichloroethylene	11.0		"	10.0		110	82-128				
Vinyl Chloride	8.95		"	10.0		89.5	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.8*		*"*	*10.0*		*108*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.0*		*"*	*10.0*		*100*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.7*		*"*	*10.0*		*107*	*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 BC30858 - EPA 5030B											
LCS Dup (BC30858-BSD1)								Prepared: 03/10/2023 Analyzed: 03/12/2023			
1,1,1-Trichloroethane	10.6		ug/L	10.0		106	78-136		4.41	30	
1,1-Dichloroethane	10.6		"	10.0		106	82-129		3.32	30	
1,1-Dichloroethylene	11.4		"	10.0		114	68-138		6.07	30	
1,2,4-Trimethylbenzene	10.6		"	10.0		106	82-132		2.42	30	
1,2-Dichlorobenzene	10.4		"	10.0		104	79-123		0.0959	30	
1,2-Dichloroethane	11.5		"	10.0		115	73-132		2.65	30	
1,3,5-Trimethylbenzene	10.8		"	10.0		108	80-131		1.84	30	
1,3-Dichlorobenzene	10.5		"	10.0		105	86-122		0.666	30	
1,4-Dichlorobenzene	10.3		"	10.0		103	85-124		0.579	30	
1,4-Dioxane	187		"	210		89.0	10-349		3.66	30	
2-Butanone	8.78		"	10.0		87.8	49-152		9.67	30	
Acetone	13.3		"	10.0		133	14-150		5.42	30	
Benzene	10.2		"	10.0		102	85-126		1.84	30	
Carbon tetrachloride	10.9		"	10.0		109	77-141		4.74	30	
Chlorobenzene	10.8		"	10.0		108	88-120		2.66	30	
Chloroform	10.6		"	10.0		106	82-128		2.34	30	
cis-1,2-Dichloroethylene	9.94		"	10.0		99.4	83-129		2.48	30	
Ethyl Benzene	10.8		"	10.0		108	80-131		4.07	30	
Methyl tert-butyl ether (MTBE)	9.77		"	10.0		97.7	76-135		0.410	30	
Methylene chloride	11.1		"	10.0		111	55-137		2.66	30	
Naphthalene	9.39		"	10.0		93.9	70-147		3.14	30	
n-Butylbenzene	10.8		"	10.0		108	79-132		4.07	30	
n-Propylbenzene	11.3		"	10.0		113	78-133		3.32	30	
o-Xylene	11.0		"	10.0		110	78-130		2.88	30	
p- & m- Xylenes	21.6		"	20.0		108	77-133		4.26	30	
sec-Butylbenzene	10.8		"	10.0		108	79-137		3.28	30	
tert-Butylbenzene	9.28		"	10.0		92.8	77-138		2.45	30	
Tetrachloroethylene	9.72		"	10.0		97.2	82-131		3.74	30	
Toluene	10.2		"	10.0		102	80-127		2.89	30	
trans-1,2-Dichloroethylene	11.0		"	10.0		110	80-132		4.20	30	
Trichloroethylene	10.6		"	10.0		106	82-128		3.70	30	
Vinyl Chloride	8.52		"	10.0		85.2	58-145		4.92	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.8*		*"*	*10.0*		*108*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.95*		*"*	*10.0*		*99.5*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.7*		*"*	*10.0*		*107*	*79-122*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30571 - EPA 3550C											
Blank (BC30571-BLK1)											
2-Methylphenol	ND	0.0416	mg/kg wet								
3- & 4-Methylphenols	ND	0.0416	"								
Acenaphthene	ND	0.0416	"								
Acenaphthylene	ND	0.0416	"								
Anthracene	ND	0.0416	"								
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	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Surrogate: SURR: 2-Fluorophenol	*1.19*		"	*1.66*		*71.7*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.16*		"	*1.66*		*69.9*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.804*		"	*0.831*		*96.8*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.585*		"	*0.831*		*70.5*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.65*		"	*1.66*		*99.3*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.681*		"	*0.831*		*82.0*	*24-116*				

Prepared: 03/09/2023 Analyzed: 03/10/2023

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 BC30571 - EPA 3550C											
LCS (BC30571-BS1)									Prepared: 03/09/2023 Analyzed: 03/10/2023		
2-Methylphenol	0.621	0.0416	mg/kg wet	0.831		74.7	10-136				
3- & 4-Methylphenols	0.566	0.0416	"	0.831		68.2	29-103				
Acenaphthene	0.636	0.0416	"	0.831		76.5	30-121				
Acenaphthylene	0.592	0.0416	"	0.831		71.2	30-115				
Anthracene	0.672	0.0416	"	0.831		81.0	34-118				
Benzo(a)anthracene	0.765	0.0416	"	0.831		92.2	32-122				
Benzo(a)pyrene	0.717	0.0416	"	0.831		86.4	29-133				
Benzo(b)fluoranthene	0.790	0.0416	"	0.831		95.2	25-133				
Benzo(g,h,i)perylene	0.704	0.0416	"	0.831		84.7	10-143				
Benzo(k)fluoranthene	0.739	0.0416	"	0.831		88.9	25-128				
Chrysene	0.693	0.0416	"	0.831		83.5	32-123				
Dibenzo(a,h)anthracene	0.726	0.0416	"	0.831		87.4	10-136				
Dibenzofuran	0.645	0.0416	"	0.831		77.6	29-121				
Fluoranthene	0.723	0.0416	"	0.831		87.1	33-122				
Fluorene	0.656	0.0416	"	0.831		79.0	29-123				
Hexachlorobenzene	0.655	0.0416	"	0.831		78.8	21-124				
Indeno(1,2,3-cd)pyrene	0.751	0.0416	"	0.831		90.5	10-135				
Naphthalene	0.632	0.0416	"	0.831		76.0	23-124				
Pentachlorophenol	0.897	0.0416	"	0.831		108	10-139				
Phenanthrene	0.667	0.0416	"	0.831		80.3	33-123				
Phenol	0.572	0.0416	"	0.831		68.9	23-115				
Pyrene	0.694	0.0416	"	0.831		83.5	24-130				
Surrogate: SURR: 2-Fluorophenol	*1.15*		*"*	*1.66*		*69.0*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.12*		*"*	*1.66*		*67.6*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.777*		*"*	*0.831*		*93.5*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.583*		*"*	*0.831*		*70.2*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.70*		*"*	*1.66*		*103*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.727*		*"*	*0.831*		*87.5*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30571 - EPA 3550C											
Matrix Spike (BC30571-MS1)	*Source sample: 23C0373-01 (Matrix Spike)								Prepared: 03/09/2023 Analyzed: 03/10/2023		
2-Methylphenol	0.754	0.108	mg/kg dry	1.08	ND	69.6	10-136				
3- & 4-Methylphenols	0.649	0.108	"	1.08	ND	59.8	10-123				
Acenaphthene	0.760	0.108	"	1.08	ND	70.1	10-146				
Acenaphthylene	0.714	0.108	"	1.08	ND	65.9	10-134				
Anthracene	0.747	0.108	"	1.08	ND	68.9	10-142				
Benzo(a)anthracene	0.801	0.108	"	1.08	ND	73.9	10-158				
Benzo(a)pyrene	0.689	0.108	"	1.08	ND	63.6	10-180				
Benzo(b)fluoranthene	0.737	0.108	"	1.08	ND	68.0	10-200				
Benzo(g,h,i)perylene	0.821	0.108	"	1.08	ND	75.8	10-138				
Benzo(k)fluoranthene	0.652	0.108	"	1.08	ND	60.2	10-197				
Chrysene	0.740	0.108	"	1.08	ND	68.3	10-156				
Dibenzo(a,h)anthracene	0.779	0.108	"	1.08	ND	71.8	10-137				
Dibenzofuran	0.790	0.108	"	1.08	ND	72.9	10-147				
Fluoranthene	0.683	0.108	"	1.08	ND	63.0	10-160				
Fluorene	0.730	0.108	"	1.08	ND	67.4	10-157				
Hexachlorobenzene	0.706	0.108	"	1.08	ND	65.1	10-137				
Indeno(1,2,3-cd)pyrene	0.968	0.108	"	1.08	ND	89.3	10-144				
Naphthalene	0.718	0.108	"	1.08	ND	66.2	10-141				
Pentachlorophenol	0.248	0.108	"	1.08	ND	22.9	10-153				
Phenanthrene	0.763	0.108	"	1.08	ND	70.4	10-148				
Phenol	0.855	0.108	"	1.08	ND	78.9	10-126				
Pyrene	0.692	0.108	"	1.08	ND	63.8	10-165				
Surrogate: SURR: 2-Fluorophenol	*1.45*		"	*2.17*		*66.8*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.44*		"	*2.17*		*66.3*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.801*		"	*1.08*		*73.9*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.680*		"	*1.08*		*62.7*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.58*		"	*2.17*		*73.1*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.715*		"	*1.08*		*66.0*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30571 - EPA 3550C											
Matrix Spike Dup (BC30571-MSD1)	*Source sample: 23C0373-01 (Matrix Spike Dup)								Prepared: 03/09/2023 Analyzed: 03/10/2023		
2-Methylphenol	0.703	0.108	mg/kg dry	1.08	ND	64.9	10-136		7.02	30	
3- & 4-Methylphenols	0.670	0.108	"	1.08	ND	61.8	10-123		3.29	30	
Acenaphthene	0.778	0.108	"	1.08	ND	71.8	10-146		2.37	30	
Acenaphthylene	0.753	0.108	"	1.08	ND	69.4	10-134		5.20	30	
Anthracene	0.866	0.108	"	1.08	ND	79.9	10-142		14.8	30	
Benzo(a)anthracene	0.884	0.108	"	1.08	ND	81.6	10-158		9.88	30	
Benzo(a)pyrene	0.771	0.108	"	1.08	ND	71.1	10-180		11.2	30	
Benzo(b)fluoranthene	0.864	0.108	"	1.08	ND	79.8	10-200		15.9	30	
Benzo(g,h,i)perylene	0.812	0.108	"	1.08	ND	74.9	10-138		1.17	30	
Benzo(k)fluoranthene	0.889	0.108	"	1.08	ND	82.0	10-197		30.7	30	Non-dir.
Chrysene	0.861	0.108	"	1.08	ND	79.4	10-156		15.1	30	
Dibenzo(a,h)anthracene	0.796	0.108	"	1.08	ND	73.4	10-137		2.20	30	
Dibenzofuran	0.771	0.108	"	1.08	ND	71.1	10-147		2.44	30	
Fluoranthene	0.812	0.108	"	1.08	ND	75.0	10-160		17.3	30	
Fluorene	0.778	0.108	"	1.08	ND	71.8	10-157		6.33	30	
Hexachlorobenzene	0.769	0.108	"	1.08	ND	71.0	10-137		8.58	30	
Indeno(1,2,3-cd)pyrene	0.988	0.108	"	1.08	ND	91.2	10-144		2.13	30	
Naphthalene	0.787	0.108	"	1.08	ND	72.6	10-141		9.22	30	
Pentachlorophenol	0.297	0.108	"	1.08	ND	27.4	10-153		18.1	30	
Phenanthrene	0.830	0.108	"	1.08	ND	76.6	10-148		8.38	30	
Phenol	0.787	0.108	"	1.08	ND	72.6	10-126		8.24	30	
Pyrene	0.845	0.108	"	1.08	ND	78.0	10-165		20.0	30	
Surrogate: SURR: 2-Fluorophenol	*1.40*		"	*2.17*		*64.4*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.34*		"	*2.17*		*62.0*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.818*		"	*1.08*		*75.5*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.739*		"	*1.08*		*68.2*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.70*		"	*2.17*		*78.2*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.856*		"	*1.08*		*79.0*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30578 - EPA 3550C											
Blank (BC30578-BLK1)											
Prepared: 03/09/2023 Analyzed: 03/10/2023											
2-Methylphenol	ND	0.0417	mg/kg wet								
3- & 4-Methylphenols	ND	0.0417	"								
Acenaphthene	ND	0.0417	"								
Acenaphthylene	ND	0.0417	"								
Anthracene	ND	0.0417	"								
Benzo(a)anthracene	ND	0.0417	"								
Benzo(a)pyrene	ND	0.0417	"								
Benzo(b)fluoranthene	ND	0.0417	"								
Benzo(g,h,i)perylene	ND	0.0417	"								
Benzo(k)fluoranthene	ND	0.0417	"								
Chrysene	ND	0.0417	"								
Dibenzo(a,h)anthracene	ND	0.0417	"								
Dibenzofuran	ND	0.0417	"								
Fluoranthene	ND	0.0417	"								
Fluorene	ND	0.0417	"								
Hexachlorobenzene	ND	0.0417	"								
Indeno(1,2,3-cd)pyrene	ND	0.0417	"								
Naphthalene	ND	0.0417	"								
Pentachlorophenol	ND	0.0417	"								
Phenanthrene	ND	0.0417	"								
Phenol	ND	0.0417	"								
Pyrene	ND	0.0417	"								
Surrogate: SURR: 2-Fluorophenol	*1.17*		"	*1.67*		*70.4*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.09*		"	*1.67*		*65.5*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.638*		"	*0.833*		*76.6*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.594*		"	*0.833*		*71.2*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.40*		"	*1.67*		*83.8*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.730*		"	*0.833*		*87.6*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30578 - EPA 3550C											
LCS (BC30578-BS1)									Prepared: 03/09/2023 Analyzed: 03/10/2023		
2-Methylphenol	0.627	0.0417	mg/kg wet	0.833		75.3	10-136				
3- & 4-Methylphenols	0.547	0.0417	"	0.833		65.6	29-103				
Acenaphthene	0.580	0.0417	"	0.833		69.6	30-121				
Acenaphthylene	0.550	0.0417	"	0.833		66.0	30-115				
Anthracene	0.668	0.0417	"	0.833		80.1	34-118				
Benzo(a)anthracene	0.660	0.0417	"	0.833		79.2	32-122				
Benzo(a)pyrene	0.584	0.0417	"	0.833		70.1	29-133				
Benzo(b)fluoranthene	0.619	0.0417	"	0.833		74.3	25-133				
Benzo(g,h,i)perylene	0.598	0.0417	"	0.833		71.7	10-143				
Benzo(k)fluoranthene	0.641	0.0417	"	0.833		76.9	25-128				
Chrysene	0.641	0.0417	"	0.833		77.0	32-123				
Dibenzo(a,h)anthracene	0.571	0.0417	"	0.833		68.5	10-136				
Dibenzofuran	0.584	0.0417	"	0.833		70.0	29-121				
Fluoranthene	0.594	0.0417	"	0.833		71.2	33-122				
Fluorene	0.603	0.0417	"	0.833		72.4	29-123				
Hexachlorobenzene	0.657	0.0417	"	0.833		78.9	21-124				
Indeno(1,2,3-cd)pyrene	0.745	0.0417	"	0.833		89.4	10-135				
Naphthalene	0.617	0.0417	"	0.833		74.0	23-124				
Pentachlorophenol	0.272	0.0417	"	0.833		32.6	10-139				
Phenanthrene	0.630	0.0417	"	0.833		75.6	33-123				
Phenol	0.688	0.0417	"	0.833		82.6	23-115				
Pyrene	0.655	0.0417	"	0.833		78.6	24-130				
Surrogate: SURR: 2-Fluorophenol	*1.15*		"	*1.67*		*69.1*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.16*		"	*1.67*		*69.4*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.651*		"	*0.833*		*78.2*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.551*		"	*0.833*		*66.2*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.26*		"	*1.67*		*75.7*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.662*		"	*0.833*		*79.4*	*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 BC30490 - EPA 3550C											
Blank (BC30490-BLK1)											Prepared: 03/08/2023 Analyzed: 03/10/2023
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Surrogate: Decachlorobiphenyl	*0.0541*		*"*	*0.0664*		*81.4*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0178*		*"*	*0.0664*		*26.8*	*30-150*				
LCS (BC30490-BS1)											Prepared: 03/08/2023 Analyzed: 03/10/2023
4,4'-DDD	0.0160	0.00164	mg/kg wet	0.0332		48.1	40-140				
4,4'-DDE	0.0167	0.00164	"	0.0332		50.4	40-140				
4,4'-DDT	0.0210	0.00164	"	0.0332		63.2	40-140				
Aldrin	0.0171	0.00164	"	0.0332		51.5	40-140				
alpha-BHC	0.0159	0.00164	"	0.0332		48.0	40-140				
alpha-Chlordane	0.0162	0.00164	"	0.0332		48.7	40-140				
beta-BHC	0.0224	0.00164	"	0.0332		67.4	40-140				
delta-BHC	0.0184	0.00164	"	0.0332		55.3	40-140				
Dieldrin	0.0187	0.00164	"	0.0332		56.3	40-140				
Endosulfan I	0.0168	0.00164	"	0.0332		50.7	40-140				
Endosulfan II	0.0184	0.00164	"	0.0332		55.4	40-140				
Endosulfan sulfate	0.0178	0.00164	"	0.0332		53.6	40-140				
Endrin	0.0177	0.00164	"	0.0332		53.2	40-140				
gamma-BHC (Lindane)	0.0180	0.00164	"	0.0332		54.2	40-140				
Heptachlor	0.0203	0.00164	"	0.0332		61.2	40-140				
Surrogate: Decachlorobiphenyl	*0.0451*		*"*	*0.0664*		*67.8*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0235*		*"*	*0.0664*		*35.4*	*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 BC30500 - EPA 3550C											
Blank (BC30500-BLK1)											Prepared: 03/08/2023 Analyzed: 03/10/2023
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Surrogate: Decachlorobiphenyl	*0.0588*		*"*	*0.0664*		*88.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0441*		*"*	*0.0664*		*66.3*	*30-150*				
LCS (BC30500-BS1)											Prepared: 03/08/2023 Analyzed: 03/10/2023
4,4'-DDD	0.0300	0.00164	mg/kg wet	0.0332		90.2	40-140				
4,4'-DDE	0.0288	0.00164	"	0.0332		86.8	40-140				
4,4'-DDT	0.0167	0.00164	"	0.0166		100	40-140				
Aldrin	0.0277	0.00164	"	0.0332		83.4	40-140				
alpha-BHC	0.0291	0.00164	"	0.0332		87.5	40-140				
alpha-Chlordane	0.0312	0.00164	"	0.0332		94.0	40-140				
beta-BHC	0.0304	0.00164	"	0.0332		91.5	40-140				
delta-BHC	0.0264	0.00164	"	0.0332		79.6	40-140				
Dieldrin	0.0313	0.00164	"	0.0332		94.3	40-140				
Endosulfan I	0.0323	0.00164	"	0.0332		97.1	40-140				
Endosulfan II	0.0298	0.00164	"	0.0332		89.6	40-140				
Endosulfan sulfate	0.0258	0.00164	"	0.0332		77.6	40-140				
Endrin	0.0247	0.00164	"	0.0332		74.3	40-140				
gamma-BHC (Lindane)	0.0285	0.00164	"	0.0332		85.9	40-140				
Heptachlor	0.0268	0.00164	"	0.0332		80.7	40-140				
Surrogate: Decachlorobiphenyl	*0.0583*		*"*	*0.0664*		*87.7*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0438*		*"*	*0.0664*		*65.9*	*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 BC30500 - EPA 3550C											
Blank (BC30500-BLK2)											Prepared: 03/08/2023 Analyzed: 03/10/2023
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0492*		"	*0.0664*		*74.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0449*		"	*0.0664*		*67.5*	*30-120*				
LCS (BC30500-BS2)											Prepared: 03/08/2023 Analyzed: 03/10/2023
Aroclor 1016	0.317	0.0166	mg/kg wet	0.332		95.3	40-130				
Aroclor 1260	0.315	0.0166	"	0.332		94.8	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0475*		"	*0.0664*		*71.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0488*		"	*0.0664*		*73.5*	*30-120*				
Matrix Spike (BC30500-MS2)	*Source sample: 23C0335-10 (Q3-EP 3)										Prepared: 03/08/2023 Analyzed: 03/10/2023
Aroclor 1016	0.381	0.0184	mg/kg dry	0.369	ND	103	40-140				
Aroclor 1260	0.368	0.0184	"	0.369	ND	99.8	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0624*		"	*0.0738*		*84.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0590*		"	*0.0738*		*80.0*	*30-120*				
Matrix Spike Dup (BC30500-MSD2)	*Source sample: 23C0335-10 (Q3-EP 3)										Prepared: 03/08/2023 Analyzed: 03/10/2023
Aroclor 1016	0.350	0.0184	mg/kg dry	0.369	ND	94.9	40-140		8.44	50	
Aroclor 1260	0.339	0.0184	"	0.369	ND	91.7	40-140		8.42	50	
Surrogate: Tetrachloro-m-xylene	*0.0561*		"	*0.0738*		*76.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0535*		"	*0.0738*		*72.5*	*30-120*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30711 - EPA 3550C											
Blank (BC30711-BLK1)											Prepared: 03/10/2023 Analyzed: 03/14/2023
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0718*		"	*0.0664*		*108*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0621*		"	*0.0664*		*93.5*	*30-120*				
LCS (BC30711-BS1)											Prepared: 03/10/2023 Analyzed: 03/14/2023
Aroclor 1016	0.161	0.0166	mg/kg wet	0.332		48.4	40-130				
Aroclor 1260	0.247	0.0166	"	0.332		74.2	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0605*		"	*0.0664*		*91.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0508*		"	*0.0664*		*76.5*	*30-120*				
Matrix Spike (BC30711-MS1)	*Source sample: 23C0349-05 (Matrix Spike)										Prepared: 03/10/2023 Analyzed: 03/14/2023
Aroclor 1016	0.412	0.0231	mg/kg dry	0.462	ND	89.2	40-140				
Aroclor 1260	0.444	0.0231	"	0.462	ND	96.2	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0886*		"	*0.0923*		*96.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0780*		"	*0.0923*		*84.5*	*30-120*				
Matrix Spike Dup (BC30711-MSD1)	*Source sample: 23C0349-05 (Matrix Spike Dup)										Prepared: 03/10/2023 Analyzed: 03/14/2023
Aroclor 1016	0.322	0.0231	mg/kg dry	0.462	ND	69.7	40-140		24.5	50	
Aroclor 1260	0.384	0.0231	"	0.462	ND	83.1	40-140		14.7	50	
Surrogate: Tetrachloro-m-xylene	*0.0817*		"	*0.0923*		*88.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0669*		"	*0.0923*		*72.5*	*30-120*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30483 - EPA 3550C/8151A											
Blank (BC30483-BLK1)									Prepared: 03/08/2023 Analyzed: 03/09/2023		
2,4,5-TP (Silvex)	ND	0.0199	mg/kg wet								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.373*		"	*0.415*		*89.8*	*21-150*				
LCS (BC30483-BS1)									Prepared: 03/08/2023 Analyzed: 03/09/2023		
2,4,5-TP (Silvex)	0.112	0.0199	mg/kg wet	0.133		84.4	10-120				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.366*		"	*0.415*		*88.2*	*21-150*				
Matrix Spike (BC30483-MS1)	*Source sample: 23C0361-03 (Matrix Spike)								Prepared: 03/08/2023 Analyzed: 03/09/2023		
2,4,5-TP (Silvex)	0.103	0.0225	mg/kg dry	0.150	ND	68.8	10-120				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.320*		"	*0.468*		*68.4*	*21-150*				
Matrix Spike Dup (BC30483-MSD1)	*Source sample: 23C0361-03 (Matrix Spike Dup)								Prepared: 03/08/2023 Analyzed: 03/09/2023		
2,4,5-TP (Silvex)	0.129	0.0225	mg/kg dry	0.150	ND	86.2	10-120		22.6	35	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.376*		"	*0.468*		*80.2*	*21-150*				
Batch BC30498 - EPA 3550C/8151A											
Blank (BC30498-BLK1)									Prepared: 03/08/2023 Analyzed: 03/09/2023		
2,4,5-TP (Silvex)	ND	0.0199	mg/kg wet								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.316*		"	*0.415*		*76.0*	*21-150*				
LCS (BC30498-BS1)									Prepared: 03/08/2023 Analyzed: 03/09/2023		
2,4,5-TP (Silvex)	0.0997	0.0199	mg/kg wet	0.133		75.0	10-120				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.334*		"	*0.415*		*80.4*	*21-150*				
Matrix Spike (BC30498-MS1)	*Source sample: 23C0335-10 (Q3-EP 3)								Prepared: 03/08/2023 Analyzed: 03/09/2023		
2,4,5-TP (Silvex)	0.130	0.0219	mg/kg dry	0.146	ND	88.8	10-120				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.323*		"	*0.457*		*70.8*	*21-150*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30498 - EPA 3550C/8151A											
Matrix Spike Dup (BC30498-MSD1)	*Source sample: 23C0335-10 (Q3-EP 3)								Prepared: 03/08/2023 Analyzed: 03/09/2023		
2,4,5-TP (Silvex)	0.0944	0.0220	mg/kg dry	0.147	ND	64.4	10-120		31.5	35	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.319*		*"*	*0.458*		*69.6*	*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 BC30718 - EPA 3050B											
Blank (BC30718-BLK1)											Prepared: 03/10/2023 Analyzed: 03/12/2023
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 (BC30718-DUP1)	*Source sample: 23C0541-01 (Duplicate)										Prepared: 03/10/2023 Analyzed: 03/12/2023
Arsenic	ND	1.35	mg/kg dry		ND					35	
Barium	37.7	2.24	"		35.5				6.14	35	
Beryllium	0.225	0.045	"		0.224				0.694	35	
Cadmium	ND	0.270	"		ND					35	
Chromium	10.8	0.450	"		11.4				5.76	35	
Copper	11.9	1.80	"		12.2				2.26	35	
Lead	5.73	0.450	"		5.97				4.15	35	
Manganese	296	0.450	"		293				1.11	35	
Nickel	9.36	0.895	"		10.3				9.40	35	
Selenium	ND	2.25	"		ND					35	
Silver	ND	0.453	"		ND					35	
Zinc	21.0	2.24	"		21.3				1.36	35	
Matrix Spike (BC30718-MS1)	*Source sample: 23C0541-01 (Matrix Spike)										Prepared: 03/10/2023 Analyzed: 03/12/2023
Arsenic	175	1.35	mg/kg dry	180	ND	97.2	75-125				
Barium	229	2.24	"	180	35.5	108	75-125				
Beryllium	4.82	0.045	"	4.49	0.224	102	75-125				
Cadmium	4.43	0.270	"	4.49	ND	98.6	75-125				
Chromium	29.8	0.450	"	18.0	11.4	102	75-125				
Copper	38.3	1.80	"	22.5	12.2	116	75-125				
Lead	50.2	0.450	"	44.9	5.97	98.5	75-125				
Manganese	363	0.450	"	44.9	293	155	75-125	High Bias			
Nickel	57.4	0.895	"	44.9	10.3	105	75-125				
Selenium	140	2.25	"	180	ND	77.9	75-125				
Silver	0.491	0.453	"	4.49	ND	10.9	75-125	Low Bias			
Zinc	68.1	2.24	"	44.9	21.3	104	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30718 - EPA 3050B											
Post Spike (BC30718-PS1)	*Source sample: 23C0541-01 (Post Spike)								Prepared: 03/10/2023 Analyzed: 03/12/2023		
Arsenic	2.15		ug/mL	2.00	0.011	107	75-125				
Barium	2.58		"	2.00	0.395	109	75-125				
Beryllium	0.056		"	0.0500	0.002	107	75-125				
Cadmium	0.054		"	0.0500	0.002	105	75-125				
Chromium	0.332		"	0.200	0.127	103	75-125				
Copper	0.418		"	0.250	0.136	113	75-125				
Lead	0.601		"	0.500	0.066	107	75-125				
Manganese	3.66		"	0.500	3.26	79.4	75-125				
Nickel	0.643		"	0.500	0.114	106	75-125				
Selenium	1.76		"	2.00	-0.129	88.0	75-125				
Silver	-0.004		"	0.0500	-0.048		75-125	Low Bias			
Zinc	0.751		"	0.500	0.237	103	75-125				
Reference (BC30718-SRM1)									Prepared: 03/10/2023 Analyzed: 03/12/2023		
Arsenic	83.1	1.25	mg/kg wet	87.4		95.1	70-130.4				
Barium	340	2.08	"	347		98.1	75.2-130.3				
Beryllium	97.6	0.042	"	103		94.7	74.8-132				
Cadmium	149	0.250	"	160		93.0	75-145.6				
Chromium	229	0.417	"	231		99.1	70.1-134.2				
Copper	145	1.67	"	144		101	75-126.4				
Lead	236	0.417	"	266		88.8	74.1-125.9				
Manganese	524	0.417	"	555		94.4	77.3-132.8				
Nickel	359	0.830	"	350		103	70-144				
Selenium	93.6	2.08	"	130		72.0	66.9-133.8				
Silver	51.3	0.420	"	57.1		89.8	70.2-129.8				
Zinc	141	2.08	"	160		88.1	70-130				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30719 - EPA 3050B											
Blank (BC30719-BLK1)									Prepared: 03/10/2023 Analyzed: 03/14/2023		
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 (BC30719-DUP1)	*Source sample: 23C0335-10 (Q3-EP 3)								Prepared: 03/10/2023 Analyzed: 03/14/2023		
Arsenic	1.52	1.39	mg/kg dry		ND					35	
Barium	25.7	2.31	"		28.0				8.52	35	
Beryllium	0.862	0.047	"		0.900				4.29	35	
Cadmium	ND	0.278	"		ND					35	
Chromium	12.0	0.463	"		13.3				10.3	35	
Copper	15.1	1.85	"		16.7				9.85	35	
Lead	4.68	0.463	"		5.20				10.6	35	
Manganese	222	0.463	"		244				9.64	35	
Nickel	13.2	0.922	"		13.8				4.45	35	
Selenium	3.25	2.31	"		ND					35	
Silver	ND	0.467	"		ND					35	
Zinc	33.4	2.30	"		34.6				3.59	35	
Matrix Spike (BC30719-MS1)	*Source sample: 23C0335-10 (Q3-EP 3)								Prepared: 03/10/2023 Analyzed: 03/14/2023		
Arsenic	187	1.39	mg/kg dry	185	ND	101	75-125				
Barium	228	2.31	"	185	28.0	108	75-125				
Beryllium	5.65	0.047	"	4.63	0.900	103	75-125				
Cadmium	4.73	0.278	"	4.63	ND	102	75-125				
Chromium	31.8	0.463	"	18.5	13.3	100	75-125				
Copper	42.5	1.85	"	23.1	16.7	111	75-125				
Lead	50.4	0.463	"	46.3	5.20	97.7	75-125				
Manganese	293	0.463	"	46.3	244	104	75-125				
Nickel	65.3	0.922	"	46.3	13.8	111	75-125				
Selenium	151	2.31	"	185	ND	81.4	75-125				
Silver	ND	0.467	"	4.63	ND		75-125	Low Bias			
Zinc	78.5	2.30	"	46.3	34.6	94.9	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30719 - EPA 3050B											
Post Spike (BC30719-PS1)	*Source sample: 23C0335-10 (Q3-EP 3)								Prepared: 03/10/2023 Analyzed: 03/14/2023		
Arsenic	2.52		ug/mL	2.00	0.012	125	75-125				
Barium	2.85		"	2.00	0.303	127	75-125	High Bias			
Beryllium	0.070		"	0.0500	0.010	121	75-125				
Cadmium	0.063		"	0.0500	0.002	123	75-125				
Chromium	0.384		"	0.200	0.143	120	75-125				
Copper	0.510		"	0.250	0.181	132	75-125	High Bias			
Lead	0.657		"	0.500	0.056	120	75-125				
Manganese	3.28		"	0.500	2.64	129	75-125	High Bias			
Nickel	0.806		"	0.500	0.149	131	75-125	High Bias			
Selenium	2.03		"	2.00	0.006	101	75-125				
Silver	-0.055		"	0.0500	-0.066		75-125	Low Bias			
Zinc	0.966		"	0.500	0.374	118	75-125				
Reference (BC30719-SRM1)									Prepared: 03/10/2023 Analyzed: 03/14/2023		
Arsenic	88.9	1.25	mg/kg wet	87.4		102	70-130.4				
Barium	387	2.08	"	347		111	75.2-130.3				
Beryllium	107	0.042	"	103		104	74.8-132				
Cadmium	173	0.250	"	160		108	75-145.6				
Chromium	273	0.417	"	231		118	70.1-134.2				
Copper	157	1.67	"	144		109	75-126.4				
Lead	251	0.417	"	266		94.2	74.1-125.9				
Manganese	608	0.417	"	555		110	77.3-132.8				
Nickel	411	0.830	"	350		117	70-144				
Selenium	90.8	2.08	"	130		69.9	66.9-133.8				
Silver	55.8	0.420	"	57.1		97.7	70.2-129.8				
Zinc	156	2.08	"	160		97.3	70-130				

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 BC30688 - EPA 7473 soil											
Blank (BC30688-BLK1)								Prepared & Analyzed: 03/10/2023			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BC30688-DUP1)	*Source sample: 23C0541-01 (Duplicate)							Prepared & Analyzed: 03/10/2023			
Mercury	ND	0.0323	mg/kg dry		ND					35	
Matrix Spike (BC30688-MS1)	*Source sample: 23C0541-01 (Matrix Spike)							Prepared & Analyzed: 03/10/2023			
Mercury	0.522		mg/kg	0.500	0.00	104	75-125				
Reference (BC30688-SRM1)								Prepared & Analyzed: 03/10/2023			
Mercury	25.203		mg/kg	27.2		92.7	59.9-140.1				
Batch BC30721 - EPA 7473 soil											
Blank (BC30721-BLK1)								Prepared & Analyzed: 03/10/2023			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BC30721-DUP1)	*Source sample: 23C0335-10 (Q3-EP 3)							Prepared & Analyzed: 03/10/2023			
Mercury	ND	0.0333	mg/kg dry		ND					35	
Matrix Spike (BC30721-MS1)	*Source sample: 23C0335-10 (Q3-EP 3)							Prepared & Analyzed: 03/10/2023			
Mercury	0.598		mg/kg	0.500	0.000700	120	75-125				
Reference (BC30721-SRM1)								Prepared & Analyzed: 03/10/2023			
Mercury	32.289		mg/kg	27.2		119	59.9-140.1				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30534 - Analysis Preparation Soil											
Blank (BC30534-BLK1)								Prepared & Analyzed: 03/08/2023			
Cyanide, total	ND	0.500	mg/kg wet								
Duplicate (BC30534-DUP1)	*Source sample: 23C0335-10 (Q3-EP 3)							Prepared & Analyzed: 03/08/2023			
Cyanide, total	ND	0.555	mg/kg dry		ND					15	
Matrix Spike (BC30534-MS1)	*Source sample: 23C0335-10 (Q3-EP 3)							Prepared & Analyzed: 03/08/2023			
Cyanide, total	10.2	0.555	mg/kg dry	11.1	ND	91.4	79.6-107				
Reference (BC30534-SRM1)								Prepared & Analyzed: 03/08/2023			
Cyanide, total	136		ug/mL	131		104	44.4-156.5				
Batch BC30538 - EPA SW846-3060											
Blank (BC30538-BLK1)								Prepared & Analyzed: 03/08/2023			
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Duplicate (BC30538-DUP1)	*Source sample: 23C0335-10 (Q3-EP 3)							Prepared & Analyzed: 03/08/2023			
Chromium, Hexavalent	ND	0.555	mg/kg dry		ND					35	
Matrix Spike (BC30538-MS1)	*Source sample: 23C0335-10 (Q3-EP 3)							Prepared & Analyzed: 03/08/2023			
Chromium, Hexavalent	22.8	0.555	mg/kg dry	22.2	ND	103	75-125				
Reference (BC30538-SRM1)								Prepared & Analyzed: 03/08/2023			
Chromium, Hexavalent	320		mg/L	227		141	42.3-157.7				
Batch BC30572 - EPA SW846-3060											
Blank (BC30572-BLK1)								Prepared & Analyzed: 03/09/2023			
Chromium, Hexavalent	ND	0.500	mg/kg wet								

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30572 - EPA SW846-3060											
Duplicate (BC30572-DUP1)	*Source sample: 23C0335-15 (Q5-EP 3)								Prepared & Analyzed: 03/09/2023		
Chromium, Hexavalent	ND	0.564	mg/kg dry		ND					35	
Matrix Spike (BC30572-MS1)	*Source sample: 23C0335-15 (Q5-EP 3)								Prepared & Analyzed: 03/09/2023		
Chromium, Hexavalent	22.5	0.564	mg/kg dry	22.6	ND	99.8	75-125				
Reference (BC30572-SRM1)									Prepared & Analyzed: 03/09/2023		
Chromium, Hexavalent	335		mg/L	227		148	42.3-157.7				
Batch BC30625 - Analysis Preparation Soil											
Blank (BC30625-BLK1)									Prepared & Analyzed: 03/09/2023		
Cyanide, total	ND	0.500	mg/kg wet								
Duplicate (BC30625-DUP1)	*Source sample: 23C0335-12 (Q4-EP 2)								Prepared & Analyzed: 03/09/2023		
Cyanide, total	ND	0.550	mg/kg dry		ND					15	
Matrix Spike (BC30625-MS1)	*Source sample: 23C0335-12 (Q4-EP 2)								Prepared & Analyzed: 03/09/2023		
Cyanide, total	10.1	0.550	mg/kg dry	11.0	ND	91.4	79.6-107				
Reference (BC30625-SRM1)									Prepared & Analyzed: 03/09/2023		
Cyanide, total	115		ug/mL	131		88.0	44.4-156.5				

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 BC30601 - % Solids Prep											
Duplicate (BC30601-DUP1)	*Source sample: 23C0335-10 (Q3-EP 3)								Prepared & Analyzed: 03/09/2023		
% Solids	88.2	0.100	%		90.0				2.09	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
23C0335-01	Q1-EP 1	40mL Vial with Stir Bar-Cool 4° C
23C0335-02	Q1-EP 2	40mL Vial with Stir Bar-Cool 4° C
23C0335-03	Q1-EP 3	40mL Vial with Stir Bar-Cool 4° C
23C0335-04	Q2-EP 1	40mL Vial with Stir Bar-Cool 4° C
23C0335-05	Q2-EP 2	40mL Vial with Stir Bar-Cool 4° C
23C0335-06	Q2-EP 3	40mL Vial with Stir Bar-Cool 4° C
23C0335-07	Q2-EP 4	40mL Vial with Stir Bar-Cool 4° C
23C0335-08	Q3-EP 1	40mL Vial with Stir Bar-Cool 4° C
23C0335-09	Q3-EP 2	40mL Vial with Stir Bar-Cool 4° C
23C0335-10	Q3-EP 3	40mL Vial with Stir Bar-Cool 4° C
23C0335-11	Q4-EP 1	40mL Vial with Stir Bar-Cool 4° C
23C0335-12	Q4-EP 2	40mL Vial with Stir Bar-Cool 4° C
23C0335-13	Q5-EP 1	40mL Vial with Stir Bar-Cool 4° C
23C0335-14	Q5-EP 2	40mL Vial with Stir Bar-Cool 4° C
23C0335-15	Q5-EP 3	40mL Vial with Stir Bar-Cool 4° C
23C0335-16	Q5-EP 4	40mL Vial with Stir Bar-Cool 4° C
23C0335-17	Q6-EP 1	40mL Vial with Stir Bar-Cool 4° C
23C0335-18	Q6-EP 2	40mL Vial with Stir Bar-Cool 4° C
23C0335-19	Q6-EP 3	40mL Vial with Stir Bar-Cool 4° C
23C0335-20	Dupe	40mL Vial with Stir Bar-Cool 4° C
23C0335-21	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

S-GC	Two surrogates are used for this analysis. One surrogate recovered within control limits therefore the analysis is acceptable.
S-08	The recovery of this surrogate was outside of QC limits.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
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) exceeded 110% of the expected value. Positive detections may be biased high.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Corrective Action: No extra terracores were sent for MS/MSD sample Q3-EP 3, only two additional 8 ounce jars.

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. 23C0335

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, Sta., 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: 19-401.3

YOUR Project Name: 27-09 40th Ave, LIC, NY

YOUR PO#:

Turn-Around Time

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

PFAS Standard is 7-10 Days

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

Samples Collected by: (print AND sign your name) Jamie Burgher

Matrix Codes

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

Samples From

New York X
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.
Q1-EP 1	S	3/6/23 ~~0930~~ 1120	Part 375 VOCs, SVOCs, Metals, PCBs, Pesticides, Herbicides	8oz, 40mL	6
Q1-EP 2		1130			
Q1-EP 3		1135			
Q2-EP 1		0900			
Q2-EP 2		0905			
Q2-EP 3		0910			
Q2-EP 4		0920			
Q3-EP 1		0800			
Q3-EP 2		0810			
Q3-EP 3		0815			

Comments: All Samples run full Part 375

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

Preservation: (check all that apply)

HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction

Field Filtered
Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
	3/7/23 0900	R Bankroff	3/7/23 12pm	R Bankroff	3/7/23 1745
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
				R Bankroff	3/7/23 1745 / 3.1 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. 23C0335

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 Sta., 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: 19-401.3

YOUR Project Name: 27-09 40th Ave, LIC, NY

YOUR PO#:

Turn-Around Time

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

PFAS Standard is 7-10 Days

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.

Jamie Burgher JB

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 X
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)

~~Q4 - EP 1~~ Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
Q4 - EP 1	S	3/6/23 0830	[Part 375 VOCs, SVOCs, Metals, PCBs, Pesticides, Herbicides]	8oz, 40mL	6
Q4 - EP 2		0835			
Q5 - EP 1		1030			
Q5 - EP 2		1035			
Q5 - EP 3		1040			
Q5 - EP 4		1045			
Q6 - EP 1		1100			
Q6 - EP 2		1105			
Q6 - EP 3		1110			
Dupe		0700			

Comments: All samples run for full Part 375

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

Preservation: (check all that apply)

HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction

Field Filtered
Lab to Filter

Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
	3/7/23 0900	K Bankyak	3/7/23 12PM	K Bankyak	3/7/23 1745
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
				K Bloom	5/7/23 1745 / 3.1 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. 23C0335

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 Sta., 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: 19-401.3

YOUR Project Name: 27-09 40th Ave, LIC, NY

YOUR PO#:

Turn-Around Time

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

PFAS Standard is 7-10 Days

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.

Jamie Burgher

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 X
- 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.
MS/MSD [Q3-EP 3]	S	3/6/23 0815	Part 375, VOCs, SVOCs, Metals, PCBs, Pest. + Herb.	8oz, 40mL	6
~~EQ Blank~~	~~W~~	↓	~~1633 PFAS + 1,4 Dioxane~~	250mL HDPE	3
Trip Blank (x2)	W	0700	8260	40mL	3

Comments:
Equip Blank on separate PFAS Chain - NOT SUBMITTED HERE

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

Preservation: (check all that apply)
HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction
Field Filtered
Lab to Filter

Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
	3/7/23 0900	K Berkyork	3/7/23 12pm	K Berkyork	3/7/23 1745
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
				K Berkyork	3/7/23 1745 / 3.1 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: 12/21/2022
Client Project ID: 27-09 40th Avenue Long Island City 19-401
York Project (SDG) No.: 22L0807

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

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: 12/21/2022
Client Project ID: 27-09 40th Avenue Long Island City 19-401
York Project (SDG) No.: 22L0807

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 December 14, 2022 and listed below. The project was identified as your project: **27-09 40th Avenue Long Island City 19-401**.

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
22L0807-01	HF Q2 North EP	Soil	12/13/2022	12/14/2022
22L0807-02	HF Q2 East EP	Soil	12/13/2022	12/14/2022
22L0807-03	HF Q2 South EP	Soil	12/13/2022	12/14/2022
22L0807-04	HF Q2 West EP	Soil	12/13/2022	12/14/2022
22L0807-05	HF Q2 Bottom EP	Soil	12/13/2022	12/14/2022

General Notes for York Project (SDG) No.: 22L0807

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

Approved By: Cassie L. Mosher

Date: 12/21/2022

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: **HF Q2 North EP** **York Sample ID:** **22L0807-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0807	27-09 40th Avenue Long Island City 19-401	Soil	December 13, 2022 8:50 am	12/14/2022

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	4.6	9.2	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 17:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 17:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 17:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 17:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 17:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 17:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 17:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 17:26 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 17:26 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 17:26 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 17:26	FTR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 17:26 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 17:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 17:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 17:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 17:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 17:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 17:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 17:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 17:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 17:26 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 17:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR

Sample Information

Client Sample ID: HF Q2 North EP

York Sample ID: 22L0807-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0807	27-09 40th Avenue Long Island City 19-401	Soil	December 13, 2022 8:50 am	12/14/2022

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
123-91-1	1,4-Dioxane	ND		ug/kg dry	92	180	1	EPA 8260C Certifications:	12/15/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/15/2022 17:26	FTR
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications:	12/15/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP	12/15/2022 17:26	FTR
78-93-3	2-Butanone	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications:	12/15/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/15/2022 17:26	FTR
110-75-8	2-Chloroethylvinyl ether	ND		ug/kg dry	18	37	1	EPA 8260C Certifications:	12/15/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/15/2022 17:26	FTR
95-49-8	2-Chlorotoluene	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications:	12/15/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/15/2022 17:26	FTR
591-78-6	2-Hexanone	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications:	12/15/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/15/2022 17:26	FTR
106-43-4	4-Chlorotoluene	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications:	12/15/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/15/2022 17:26	FTR
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications:	12/15/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/15/2022 17:26	FTR
67-64-1	**Acetone**	**9.7**	J	ug/kg dry	9.2	18	1	EPA 8260C Certifications:	12/15/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	12/15/2022 17:26	FTR
107-02-8	Acrolein	ND		ug/kg dry	9.2	18	1	EPA 8260C Certifications:	12/15/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/15/2022 17:26	FTR
107-13-1	Acrylonitrile	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications:	12/15/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/15/2022 17:26	FTR
71-43-2	Benzene	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications:	12/15/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/15/2022 17:26	FTR
108-86-1	Bromobenzene	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications:	12/15/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/15/2022 17:26	FTR
74-97-5	Bromochloromethane	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications:	12/15/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/15/2022 17:26	FTR
75-27-4	Bromodichloromethane	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications:	12/15/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/15/2022 17:26	FTR
75-25-2	Bromoform	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications:	12/15/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/15/2022 17:26	FTR
74-83-9	Bromomethane	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications:	12/15/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/15/2022 17:26	FTR
75-15-0	Carbon disulfide	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications:	12/15/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/15/2022 17:26	FTR
56-23-5	Carbon tetrachloride	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications:	12/15/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/15/2022 17:26	FTR
108-90-7	Chlorobenzene	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications:	12/15/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/15/2022 17:26	FTR
75-00-3	Chloroethane	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications:	12/15/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/15/2022 17:26	FTR
67-66-3	Chloroform	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications:	12/15/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/15/2022 17:26	FTR
74-87-3	Chloromethane	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications:	12/15/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/15/2022 17:26	FTR

Sample Information

Client Sample ID: HF Q2 North EP

York Sample ID: 22L0807-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0807	27-09 40th Avenue Long Island City 19-401	Soil	December 13, 2022 8:50 am	12/14/2022

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
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 17:26	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 17:26	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-82-7	Cyclohexane	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 17:26	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 17:26	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 17:26	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 17:26	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-20-3	* Diisopropyl ether (DIPE)	ND		ug/kg dry	7.3	15	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 17:26	FTR
64-17-5	* Ethanol	ND		ug/kg dry	73	150	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 17:26	FTR
100-41-4	Ethyl Benzene	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 17:26	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		ug/kg dry	7.3	15	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 17:26	FTR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 17:26	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-88-4	* Iodomethane	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 17:26	FTR
98-82-8	Isopropylbenzene	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 17:26	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-20-9	Methyl acetate	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 17:26	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
80-62-6	Methyl Methacrylate	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 17:26	FTR NELAC-NY10854,NELAC-NY12058,NJDEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 17:26	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-87-2	Methylcyclohexane	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 17:26	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	**Methylene chloride**	**13**	J, B	ug/kg dry	9.2	18	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 17:26	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
91-20-3	Naphthalene	ND		ug/kg dry	4.6	18	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 17:26	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 17:26	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 17:26	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-47-6	o-Xylene	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 17:26	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	9.2	18	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 17:26	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP

Sample Information

Client Sample ID: HF Q2 North EP

York Sample ID: 22L0807-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0807	27-09 40th Avenue Long Island City 19-401	Soil	December 13, 2022 8:50 am	12/14/2022

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
105-05-5	* p-Diethylbenzene	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 17:26	FTR
622-96-8	* p-Ethyltoluene	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 17:26	FTR
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 17:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
135-98-8	sec-Butylbenzene	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 17:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
100-42-5	Styrene	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 17:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-85-4	* tert-Amyl alcohol (TAA)	ND		ug/kg dry	73	150	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 17:26	FTR
994-05-8	* tert-Amyl methyl ether (TAME)	ND		ug/kg dry	7.3	15	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 17:26	FTR
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 17:26 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
98-06-6	tert-Butylbenzene	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 17:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
127-18-4	Tetrachloroethylene	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 17:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
109-99-9	* Tetrahydrofuran	ND		ug/kg dry	9.2	18	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 17:26	FTR
108-88-3	Toluene	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 17:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 17:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 17:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 17:26 CTDOH-PH-0723	FTR
79-01-6	Trichloroethylene	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 17:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 17:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-05-4	Vinyl acetate	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 17:26 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-01-4	Vinyl Chloride	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 17:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
1330-20-7	Xylenes, Total	ND		ug/kg dry	14	28	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 17:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	FTR

	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*	*88.1 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*105 %*	*76-130*

Sample Information

Client Sample ID: HF Q2 North EP **York Sample ID:** 22L0807-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0807	27-09 40th Avenue Long Island City 19-401	Soil	December 13, 2022 8:50 am	12/14/2022

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**96.6**		%	0.100	1	SM 2540G	12/20/2022 11:42	12/20/2022 15:35	AD2
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: HF Q2 East EP **York Sample ID:** 22L0807-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0807	27-09 40th Avenue Long Island City 19-401	Soil	December 13, 2022 8:55 am	12/14/2022

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	2.8	5.6	1	EPA 8260C	12/15/2022 09:00	12/16/2022 14:44	OC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	12/15/2022 09:00	12/16/2022 14:44	OC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	12/15/2022 09:00	12/16/2022 14:44	OC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	12/15/2022 09:00	12/16/2022 14:44	OC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	12/15/2022 09:00	12/16/2022 14:44	OC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	12/15/2022 09:00	12/16/2022 14:44	OC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	12/15/2022 09:00	12/16/2022 14:44	OC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	12/15/2022 09:00	12/16/2022 14:44	OC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	12/15/2022 09:00	12/16/2022 14:44	OC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	12/15/2022 09:00	12/16/2022 14:44	OC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP			
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	12/15/2022 09:00	12/16/2022 14:44	OC
								Certifications:			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	12/15/2022 09:00	12/16/2022 14:44	OC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	12/15/2022 09:00	12/16/2022 14:44	OC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	12/15/2022 09:00	12/16/2022 14:44	OC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			

Sample Information

Client Sample ID: HF Q2 East EP

York Sample ID: 22L0807-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0807	27-09 40th Avenue Long Island City 19-401	Soil	December 13, 2022 8:55 am	12/14/2022

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
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/15/2022 09:00	12/16/2022 14:44	OC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/15/2022 09:00	12/16/2022 14:44	OC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/15/2022 09:00	12/16/2022 14:44	OC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/15/2022 09:00	12/16/2022 14:44	OC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/15/2022 09:00	12/16/2022 14:44	OC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/15/2022 09:00	12/16/2022 14:44	OC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/15/2022 09:00	12/16/2022 14:44	OC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/15/2022 09:00	12/16/2022 14:44	OC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		ug/kg dry	56	110	1	EPA 8260C Certifications:	12/15/2022 09:00	12/16/2022 14:44	OC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/15/2022 09:00	12/16/2022 14:44	OC NELAC-NY10854,NELAC-NY12058,NJDEP
78-93-3	2-Butanone	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/15/2022 09:00	12/16/2022 14:44	OC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-75-8	2-Chloroethylvinyl ether	ND		ug/kg dry	11	22	1	EPA 8260C Certifications:	12/15/2022 09:00	12/16/2022 14:44	OC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/15/2022 09:00	12/16/2022 14:44	OC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
591-78-6	2-Hexanone	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/15/2022 09:00	12/16/2022 14:44	OC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/15/2022 09:00	12/16/2022 14:44	OC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/15/2022 09:00	12/16/2022 14:44	OC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	**Acetone**	**12**		ug/kg dry	5.6	11	1	EPA 8260C Certifications:	12/15/2022 09:00	12/16/2022 14:44	OC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
107-02-8	Acrolein	ND		ug/kg dry	5.6	11	1	EPA 8260C Certifications:	12/15/2022 09:00	12/16/2022 14:44	OC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/15/2022 09:00	12/16/2022 14:44	OC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/15/2022 09:00	12/16/2022 14:44	OC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-86-1	Bromobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/15/2022 09:00	12/16/2022 14:44	OC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/15/2022 09:00	12/16/2022 14:44	OC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/15/2022 09:00	12/16/2022 14:44	OC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: HF Q2 East EP

York Sample ID: 22L0807-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0807	27-09 40th Avenue Long Island City 19-401	Soil	December 13, 2022 8:55 am	12/14/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-25-2	Bromoform	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/15/2022 09:00	12/16/2022 14:44	OC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/15/2022 09:00	12/16/2022 14:44	OC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/15/2022 09:00	12/16/2022 14:44	OC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/15/2022 09:00	12/16/2022 14:44	OC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/15/2022 09:00	12/16/2022 14:44	OC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/15/2022 09:00	12/16/2022 14:44	OC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/15/2022 09:00	12/16/2022 14:44	OC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/15/2022 09:00	12/16/2022 14:44	OC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/15/2022 09:00	12/16/2022 14:44	OC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/15/2022 09:00	12/16/2022 14:44	OC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-82-7	Cyclohexane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/15/2022 09:00	12/16/2022 14:44	OC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/15/2022 09:00	12/16/2022 14:44	OC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/15/2022 09:00	12/16/2022 14:44	OC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/15/2022 09:00	12/16/2022 14:44	OC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-20-3	* Diisopropyl ether (DIPE)	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications:	12/15/2022 09:00	12/16/2022 14:44	OC
64-17-5	* Ethanol	ND		ug/kg dry	45	90	1	EPA 8260C Certifications:	12/15/2022 09:00	12/16/2022 14:44	OC
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/15/2022 09:00	12/16/2022 14:44	OC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications:	12/15/2022 09:00	12/16/2022 14:44	OC
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/15/2022 09:00	12/16/2022 14:44	OC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-88-4	* Iodomethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/15/2022 09:00	12/16/2022 14:44	OC
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/15/2022 09:00	12/16/2022 14:44	OC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-20-9	Methyl acetate	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/15/2022 09:00	12/16/2022 14:44	OC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
80-62-6	Methyl Methacrylate	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/15/2022 09:00	12/16/2022 14:44	OC NELAC-NY10854,NELAC-NY12058,NJDEP

Sample Information

Client Sample ID: HF Q2 East EP

York Sample ID: 22L0807-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0807	27-09 40th Avenue Long Island City 19-401	Soil	December 13, 2022 8:55 am	12/14/2022

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
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/15/2022 09:00	12/16/2022 14:44	OC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/15/2022 09:00	12/16/2022 14:44	OC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	Methylene chloride	ND		ug/kg dry	5.6	11	1	EPA 8260C Certifications:	12/15/2022 09:00	12/16/2022 14:44	OC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
91-20-3	Naphthalene	ND		ug/kg dry	2.8	11	1	EPA 8260C Certifications:	12/15/2022 09:00	12/16/2022 14:44	OC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/15/2022 09:00	12/16/2022 14:44	OC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/15/2022 09:00	12/16/2022 14:44	OC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-47-6	o-Xylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/15/2022 09:00	12/16/2022 14:44	OC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.6	11	1	EPA 8260C Certifications:	12/15/2022 09:00	12/16/2022 14:44	OC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
105-05-5	* p-Diethylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/15/2022 09:00	12/16/2022 14:44	OC
622-96-8	* p-Ethyltoluene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/15/2022 09:00	12/16/2022 14:44	OC
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/15/2022 09:00	12/16/2022 14:44	OC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/15/2022 09:00	12/16/2022 14:44	OC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-42-5	Styrene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/15/2022 09:00	12/16/2022 14:44	OC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-85-4	* tert-Amyl alcohol (TAA)	ND		ug/kg dry	45	90	1	EPA 8260C Certifications:	12/15/2022 09:00	12/16/2022 14:44	OC
994-05-8	* tert-Amyl methyl ether (TAME)	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications:	12/15/2022 09:00	12/16/2022 14:44	OC
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/15/2022 09:00	12/16/2022 14:44	OC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/15/2022 09:00	12/16/2022 14:44	OC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
127-18-4	**Tetrachloroethylene**	**25**		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/15/2022 09:00	12/16/2022 14:44	OC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
109-99-9	* Tetrahydrofuran	ND		ug/kg dry	5.6	11	1	EPA 8260C Certifications:	12/15/2022 09:00	12/16/2022 14:44	OC
108-88-3	Toluene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/15/2022 09:00	12/16/2022 14:44	OC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/15/2022 09:00	12/16/2022 14:44	OC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/15/2022 09:00	12/16/2022 14:44	OC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/15/2022 09:00	12/16/2022 14:44	OC CTDOH-PH-0723

Sample Information

Client Sample ID: HF Q2 East EP **York Sample ID:** 22L0807-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0807	27-09 40th Avenue Long Island City 19-401	Soil	December 13, 2022 8:55 am	12/14/2022

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
79-01-6	Trichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	12/15/2022 09:00	12/16/2022 14:44	OC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	12/15/2022 09:00	12/16/2022 14:44	OC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-05-4	Vinyl acetate	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	12/15/2022 09:00	12/16/2022 14:44	OC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	12/15/2022 09:00	12/16/2022 14:44	OC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.4	17	1	EPA 8260C	12/15/2022 09:00	12/16/2022 14:44	OC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*121 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*88.1 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*92.8 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**95.3**		%	0.100	1	SM 2540G	12/20/2022 11:42	12/20/2022 15:35	AD2
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: HF Q2 South EP **York Sample ID:** 22L0807-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0807	27-09 40th Avenue Long Island City 19-401	Soil	December 13, 2022 8:55 am	12/14/2022

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	2.5	5.1	1	EPA 8260C	12/15/2022 09:00	12/15/2022 18:21	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	12/15/2022 09:00	12/15/2022 18:21	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	12/15/2022 09:00	12/15/2022 18:21	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: HF Q2 South EP

York Sample ID: 22L0807-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0807	27-09 40th Avenue Long Island City 19-401	Soil	December 13, 2022 8:55 am	12/14/2022

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
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:21	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:21	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:21	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:21	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:21	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:21	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:21	FTR NELAC-NY10854,NELAC-NY12058,NJDEP
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:21	FTR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:21	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:21	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:21	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:21	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:21	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:21	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:21	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:21	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:21	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:21	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:21	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		ug/kg dry	51	100	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:21	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:21	FTR NELAC-NY10854,NELAC-NY12058,NJDEP
78-93-3	2-Butanone	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:21	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-75-8	2-Chloroethylvinyl ether	ND		ug/kg dry	10	20	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:21	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: HF Q2 South EP

York Sample ID: 22L0807-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0807	27-09 40th Avenue Long Island City 19-401	Soil	December 13, 2022 8:55 am	12/14/2022

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
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:21	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
591-78-6	2-Hexanone	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:21	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:21	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:21	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	**Acetone**	**58**		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:21	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
107-02-8	Acrolein	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:21	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:21	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:21	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-86-1	Bromobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:21	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:21	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:21	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:21	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:21	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:21	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:21	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:21	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:21	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:21	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:21	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:21	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:21	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-82-7	Cyclohexane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:21	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:21	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: HF Q2 South EP

York Sample ID: 22L0807-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0807	27-09 40th Avenue Long Island City 19-401	Soil	December 13, 2022 8:55 am	12/14/2022

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
74-95-3	Dibromomethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:21 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:21 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-20-3	* Diisopropyl ether (DIPE)	ND		ug/kg dry	4.1	8.1	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:21	FTR
64-17-5	* Ethanol	ND		ug/kg dry	41	81	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:21	FTR
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:21 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		ug/kg dry	4.1	8.1	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:21	FTR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:21 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-88-4	* Iodomethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:21	FTR
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:21 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
79-20-9	Methyl acetate	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:21 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
80-62-6	Methyl Methacrylate	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:21 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:21 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:21 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-09-2	Methylene chloride	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:21 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
91-20-3	Naphthalene	ND		ug/kg dry	2.5	10	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:21 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:21 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:21 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
95-47-6	o-Xylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:21 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	FTR
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:21 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	FTR
105-05-5	* p-Diethylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:21	FTR
622-96-8	* p-Ethyltoluene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:21	FTR
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:21 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:21 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR

Sample Information

Client Sample ID: HF Q2 South EP

York Sample ID: 22L0807-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0807	27-09 40th Avenue Long Island City 19-401	Soil	December 13, 2022 8:55 am	12/14/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:21	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-85-4	* tert-Amyl alcohol (TAA)	ND		ug/kg dry	41	81	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:21	FTR
994-05-8	* tert-Amyl methyl ether (TAME)	ND		ug/kg dry	4.1	8.1	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:21	FTR
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:21	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:21	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
127-18-4	**Tetrachloroethylene**	**33**		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:21	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
109-99-9	* Tetrahydrofuran	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:21	FTR
108-88-3	Toluene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:21	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:21	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:21	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:21	FTR CTDOH-PH-0723
79-01-6	Trichloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:21	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:21	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-05-4	Vinyl acetate	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:21	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:21	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.6	15	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:21	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*97.4 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*87.5 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**95.0**		%	0.100	1	SM 2540G Certifications:	12/20/2022 11:42	12/20/2022 15:35	AD2 CTDOH-PH-0723

Sample Information

Client Sample ID: **HF Q2 South EP** **York Sample ID:** **22L0807-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0807	27-09 40th Avenue Long Island City 19-401	Soil	December 13, 2022 8:55 am	12/14/2022

Sample Information

Client Sample ID: **HF Q2 West EP** **York Sample ID:** **22L0807-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0807	27-09 40th Avenue Long Island City 19-401	Soil	December 13, 2022 8:50 am	12/14/2022

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	2.7	5.5	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR NELAC-NY10854,NELAC-NY12058,NJDEP
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: HF Q2 West EP

York Sample ID: 22L0807-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0807	27-09 40th Avenue Long Island City 19-401	Soil	December 13, 2022 8:50 am	12/14/2022

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
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		ug/kg dry	55	110	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR NELAC-NY10854,NELAC-NY12058,NJDEP
78-93-3	2-Butanone	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-75-8	2-Chloroethylvinyl ether	ND		ug/kg dry	11	22	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
591-78-6	2-Hexanone	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	**Acetone**	**7.0**	J	ug/kg dry	5.5	11	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
107-02-8	Acrolein	ND		ug/kg dry	5.5	11	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-86-1	Bromobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: HF Q2 West EP

York Sample ID: 22L0807-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0807	27-09 40th Avenue Long Island City 19-401	Soil	December 13, 2022 8:50 am	12/14/2022

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
108-90-7	Chlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-82-7	Cyclohexane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-20-3	* Diisopropyl ether (DIPE)	ND		ug/kg dry	4.4	8.7	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR
64-17-5	* Ethanol	ND		ug/kg dry	44	87	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		ug/kg dry	4.4	8.7	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-88-4	* Iodomethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-20-9	Methyl acetate	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
80-62-6	Methyl Methacrylate	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR NELAC-NY10854,NELAC-NY12058,NJDEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	**Methylene chloride**	**6.7**	J, B	ug/kg dry	5.5	11	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
91-20-3	Naphthalene	ND		ug/kg dry	2.7	11	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: HF Q2 West EP

York Sample ID: 22L0807-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0807	27-09 40th Avenue Long Island City 19-401	Soil	December 13, 2022 8:50 am	12/14/2022

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
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-47-6	o-Xylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.5	11	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
105-05-5	* p-Diethylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR
622-96-8	* p-Ethyltoluene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-42-5	Styrene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-85-4	* tert-Amyl alcohol (TAA)	ND		ug/kg dry	44	87	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR
994-05-8	* tert-Amyl methyl ether (TAME)	ND		ug/kg dry	4.4	8.7	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
127-18-4	**Tetrachloroethylene**	**22**		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
109-99-9	* Tetrahydrofuran	ND		ug/kg dry	5.5	11	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR
108-88-3	Toluene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR CTDOH-PH-0723
79-01-6	Trichloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-05-4	Vinyl acetate	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 18:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: HF Q2 West EP **York Sample ID:** 22L0807-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0807	27-09 40th Avenue Long Island City 19-401	Soil	December 13, 2022 8:50 am	12/14/2022

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
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.2	16	1	EPA 8260C	12/15/2022 09:00	12/15/2022 18:49	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*94.1 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*87.9 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*105 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**92.6**		%	0.100	1	SM 2540G	12/20/2022 11:42	12/20/2022 15:35	AD2
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: HF Q2 Bottom EP **York Sample ID:** 22L0807-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0807	27-09 40th Avenue Long Island City 19-401	Soil	December 13, 2022 9:00 am	12/14/2022

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	3.0	6.0	1	EPA 8260C	12/15/2022 09:00	12/15/2022 19:17	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	12/15/2022 09:00	12/15/2022 19:17	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	12/15/2022 09:00	12/15/2022 19:17	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	12/15/2022 09:00	12/15/2022 19:17	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	12/15/2022 09:00	12/15/2022 19:17	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	12/15/2022 09:00	12/15/2022 19:17	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	12/15/2022 09:00	12/15/2022 19:17	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: HF Q2 Bottom EP

York Sample ID: 22L0807-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0807	27-09 40th Avenue Long Island City 19-401	Soil	December 13, 2022 9:00 am	12/14/2022

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
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	12/15/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/15/2022 19:17	FTR
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	12/15/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/15/2022 19:17	FTR
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	12/15/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP	12/15/2022 19:17	FTR
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 19:17	FTR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	12/15/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/15/2022 19:17	FTR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	12/15/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/15/2022 19:17	FTR
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	12/15/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/15/2022 19:17	FTR
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	12/15/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/15/2022 19:17	FTR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	12/15/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/15/2022 19:17	FTR
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	12/15/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/15/2022 19:17	FTR
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	12/15/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/15/2022 19:17	FTR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	12/15/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/15/2022 19:17	FTR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	12/15/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/15/2022 19:17	FTR
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	12/15/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/15/2022 19:17	FTR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	12/15/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/15/2022 19:17	FTR
123-91-1	1,4-Dioxane	ND		ug/kg dry	60	120	1	EPA 8260C Certifications:	12/15/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/15/2022 19:17	FTR
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	12/15/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP	12/15/2022 19:17	FTR
78-93-3	2-Butanone	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	12/15/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/15/2022 19:17	FTR
110-75-8	2-Chloroethylvinyl ether	ND		ug/kg dry	12	24	1	EPA 8260C Certifications:	12/15/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/15/2022 19:17	FTR
95-49-8	2-Chlorotoluene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	12/15/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/15/2022 19:17	FTR
591-78-6	2-Hexanone	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	12/15/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/15/2022 19:17	FTR
106-43-4	4-Chlorotoluene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	12/15/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/15/2022 19:17	FTR
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	12/15/2022 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/15/2022 19:17	FTR

Sample Information

Client Sample ID: HF Q2 Bottom EP

York Sample ID: 22L0807-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0807	27-09 40th Avenue Long Island City 19-401	Soil	December 13, 2022 9:00 am	12/14/2022

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
67-64-1	**Acetone**	**13**		ug/kg dry	6.0	12	1	EPA 8260C	12/15/2022 09:00	12/15/2022 19:17	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
107-02-8	Acrolein	ND		ug/kg dry	6.0	12	1	EPA 8260C	12/15/2022 09:00	12/15/2022 19:17	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-13-1	Acrylonitrile	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	12/15/2022 09:00	12/15/2022 19:17	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-43-2	Benzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	12/15/2022 09:00	12/15/2022 19:17	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-86-1	Bromobenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	12/15/2022 09:00	12/15/2022 19:17	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	12/15/2022 09:00	12/15/2022 19:17	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	12/15/2022 09:00	12/15/2022 19:17	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-25-2	Bromoform	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	12/15/2022 09:00	12/15/2022 19:17	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-83-9	Bromomethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	12/15/2022 09:00	12/15/2022 19:17	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-15-0	Carbon disulfide	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	12/15/2022 09:00	12/15/2022 19:17	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	12/15/2022 09:00	12/15/2022 19:17	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-90-7	Chlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	12/15/2022 09:00	12/15/2022 19:17	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-00-3	Chloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	12/15/2022 09:00	12/15/2022 19:17	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-66-3	Chloroform	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	12/15/2022 09:00	12/15/2022 19:17	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-87-3	Chloromethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	12/15/2022 09:00	12/15/2022 19:17	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	12/15/2022 09:00	12/15/2022 19:17	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	12/15/2022 09:00	12/15/2022 19:17	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
110-82-7	Cyclohexane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	12/15/2022 09:00	12/15/2022 19:17	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	12/15/2022 09:00	12/15/2022 19:17	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	12/15/2022 09:00	12/15/2022 19:17	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	12/15/2022 09:00	12/15/2022 19:17	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-20-3	* Diisopropyl ether (DIPE)	ND		ug/kg dry	4.8	9.6	1	EPA 8260C	12/15/2022 09:00	12/15/2022 19:17	FTR
								Certifications:			
64-17-5	* Ethanol	ND		ug/kg dry	48	96	1	EPA 8260C	12/15/2022 09:00	12/15/2022 19:17	FTR
								Certifications:			

Sample Information

Client Sample ID: HF Q2 Bottom EP

York Sample ID: 22L0807-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0807	27-09 40th Avenue Long Island City 19-401	Soil	December 13, 2022 9:00 am	12/14/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 19:17	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 19:17	FTR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 19:17	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-88-4	* Iodomethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 19:17	FTR
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 19:17	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-20-9	Methyl acetate	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 19:17	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
80-62-6	Methyl Methacrylate	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 19:17	FTR NELAC-NY10854,NELAC-NY12058,NJDEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 19:17	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-87-2	Methylcyclohexane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 19:17	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	**Methylene chloride**	**9.6**	J, B	ug/kg dry	6.0	12	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 19:17	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
91-20-3	Naphthalene	ND		ug/kg dry	3.0	12	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 19:17	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 19:17	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 19:17	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-47-6	o-Xylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 19:17	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.0	12	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 19:17	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
105-05-5	* p-Diethylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 19:17	FTR
622-96-8	* p-Ethyltoluene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 19:17	FTR
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 19:17	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 19:17	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-42-5	Styrene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 19:17	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-85-4	* tert-Amyl alcohol (TAA)	ND		ug/kg dry	48	96	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 19:17	FTR
994-05-8	* tert-Amyl methyl ether (TAME)	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 19:17	FTR
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 19:17	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: HF Q2 Bottom EP

York Sample ID: 22L0807-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L0807	27-09 40th Avenue Long Island City 19-401	Soil	December 13, 2022 9:00 am	12/14/2022

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
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 19:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
127-18-4	**Tetrachloroethylene**	**11**		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 19:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	FTR
109-99-9	* Tetrahydrofuran	ND		ug/kg dry	6.0	12	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 19:17	FTR
108-88-3	Toluene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 19:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 19:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 19:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 19:17 CTDOH-PH-0723	FTR
79-01-6	Trichloroethylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 19:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 19:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-05-4	Vinyl acetate	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 19:17 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 19:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
1330-20-7	Xylenes, Total	ND		ug/kg dry	9.0	18	1	EPA 8260C Certifications:	12/15/2022 09:00	12/15/2022 19:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	FTR

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*95.2 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*87.9 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**95.1**		%	0.100	1	SM 2540G Certifications:	12/20/2022 11:42 CTDOH-PH-0723	12/20/2022 15:35	AD2

Analytical Batch Summary

Batch ID: BL20890 **Preparation Method:** EPA 5035A **Prepared By:** FTR

YORK Sample ID	Client Sample ID	Preparation Date
22L0807-01	HF Q2 North EP	12/15/22
22L0807-03	HF Q2 South EP	12/15/22
22L0807-04	HF Q2 West EP	12/15/22
22L0807-05	HF Q2 Bottom EP	12/15/22
BL20890-BLK1	Blank	12/15/22
BL20890-BLK2	Blank	12/15/22
BL20890-BS1	LCS	12/15/22
BL20890-BSD1	LCS Dup	12/15/22
BL20890-MS1	Matrix Spike	12/15/22
BL20890-MSD1	Matrix Spike Dup	12/15/22

Batch ID: BL20977 **Preparation Method:** EPA 5035A **Prepared By:** FTR

YORK Sample ID	Client Sample ID	Preparation Date
22L0807-02	HF Q2 East EP	12/15/22
BL20977-BLK1	Blank	12/16/22
BL20977-BLK2	Blank	12/16/22
BL20977-BS1	LCS	12/16/22
BL20977-BSD1	LCS Dup	12/16/22

Batch ID: BL21145 **Preparation Method:** % Solids Prep **Prepared By:** AD2

YORK Sample ID	Client Sample ID	Preparation Date
22L0807-01	HF Q2 North EP	12/20/22
22L0807-02	HF Q2 East EP	12/20/22
22L0807-03	HF Q2 South EP	12/20/22
22L0807-04	HF Q2 West EP	12/20/22
22L0807-05	HF Q2 Bottom EP	12/20/22
BL21145-DUP1	Duplicate	12/20/22

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 BL20890 - EPA 5035A											
Blank (BL20890-BLK1)											Prepared & Analyzed: 12/15/2022
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	"								
1,4-Dioxane	ND	100	"								
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	"								

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 BL20890 - EPA 5035A											
Blank (BL20890-BLK1)											
Prepared & Analyzed: 12/15/2022											
Dibromomethane	ND	5.0	ug/kg wet								
Dichlorodifluoromethane	ND	5.0	"								
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	10	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	5.0	"								
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	*47.9*		*ug/L*	*50.0*		*95.8*	*77-125*				
Surrogate: SURR: Toluene-d8	*44.0*		*"*	*50.0*		*88.0*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*52.8*		*"*	*50.0*		*106*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BL20890 - EPA 5035A

Blank (BL20890-BLK2) Prepared & Analyzed: 12/15/2022

1,1,1,2-Tetrachloroethane	ND	500	ug/kg wet								
1,1,1-Trichloroethane	ND	500	"								
1,1,2,2-Tetrachloroethane	ND	500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	500	"								
1,1,2-Trichloroethane	ND	500	"								
1,1-Dichloroethane	ND	500	"								
1,1-Dichloroethylene	ND	500	"								
1,1-Dichloropropylene	ND	500	"								
1,2,3-Trichlorobenzene	ND	500	"								
1,2,3-Trichloropropane	ND	500	"								
1,2,4,5-Tetramethylbenzene	ND	500	"								
1,2,4-Trichlorobenzene	ND	500	"								
1,2,4-Trimethylbenzene	ND	500	"								
1,2-Dibromo-3-chloropropane	ND	500	"								
1,2-Dibromoethane	ND	500	"								
1,2-Dichlorobenzene	ND	500	"								
1,2-Dichloroethane	ND	500	"								
1,2-Dichloropropane	ND	500	"								
1,3,5-Trimethylbenzene	ND	500	"								
1,3-Dichlorobenzene	ND	500	"								
1,3-Dichloropropane	ND	500	"								
1,4-Dichlorobenzene	ND	500	"								
1,4-Dioxane	ND	10000	"								
2,2-Dichloropropane	ND	500	"								
2-Butanone	ND	500	"								
2-Chloroethylvinyl ether	ND	2000	"								
2-Chlorotoluene	ND	500	"								
2-Hexanone	ND	500	"								
4-Chlorotoluene	ND	500	"								
4-Methyl-2-pentanone	ND	500	"								
Acetone	ND	1000	"								
Acrolein	ND	1000	"								
Acrylonitrile	ND	500	"								
Benzene	ND	500	"								
Bromobenzene	ND	500	"								
Bromochloromethane	ND	500	"								
Bromodichloromethane	ND	500	"								
Bromoform	ND	500	"								
Bromomethane	ND	500	"								
Carbon disulfide	ND	500	"								
Carbon tetrachloride	ND	500	"								
Chlorobenzene	ND	500	"								
Chloroethane	ND	500	"								
Chloroform	ND	500	"								
Chloromethane	ND	500	"								
cis-1,2-Dichloroethylene	ND	500	"								
cis-1,3-Dichloropropylene	ND	500	"								
Cyclohexane	ND	500	"								
Dibromochloromethane	ND	500	"								
Dibromomethane	ND	500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL20890 - EPA 5035A											
Blank (BL20890-BLK2)											Prepared & Analyzed: 12/15/2022
Dichlorodifluoromethane	ND	500	ug/kg wet								
Diisopropyl ether (DIPE)	ND	800	"								
Ethanol	ND	8000	"								
Ethyl Benzene	ND	500	"								
Ethyl tert-butyl ether (ETBE)	ND	800	"								
Hexachlorobutadiene	ND	500	"								
Iodomethane	ND	500	"								
Isopropylbenzene	ND	500	"								
Methyl acetate	ND	500	"								
Methyl Methacrylate	ND	500	"								
Methyl tert-butyl ether (MTBE)	ND	500	"								
Methylcyclohexane	ND	500	"								
Methylene chloride	1100	1000	"								
Naphthalene	ND	1000	"								
n-Butylbenzene	ND	500	"								
n-Propylbenzene	ND	500	"								
o-Xylene	ND	500	"								
p- & m- Xylenes	ND	1000	"								
p-Diethylbenzene	ND	500	"								
p-Ethyltoluene	ND	500	"								
p-Isopropyltoluene	ND	500	"								
sec-Butylbenzene	ND	500	"								
Styrene	ND	500	"								
tert-Amyl alcohol (TAA)	ND	8000	"								
tert-Amyl methyl ether (TAME)	ND	800	"								
tert-Butyl alcohol (TBA)	ND	500	"								
tert-Butylbenzene	ND	500	"								
Tetrachloroethylene	ND	500	"								
Tetrahydrofuran	ND	1000	"								
Toluene	ND	500	"								
trans-1,2-Dichloroethylene	ND	500	"								
trans-1,3-Dichloropropylene	ND	500	"								
trans-1,4-dichloro-2-butene	ND	500	"								
Trichloroethylene	ND	500	"								
Trichlorofluoromethane	ND	500	"								
Vinyl acetate	ND	500	"								
Vinyl Chloride	ND	500	"								
Xylenes, Total	ND	1500	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*47.6*		*ug/L*	*50.0*		*95.2*	*77-125*				
Surrogate: SURR: Toluene-d8	*44.0*		*"*	*50.0*		*88.0*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*52.5*		*"*	*50.0*		*105*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL20890 - EPA 5035A											
LCS (BL20890-BS1)								Prepared & Analyzed: 12/15/2022			
1,1,1,2-Tetrachloroethane	41.6		ug/L	50.0		83.2	75-129				
1,1,1-Trichloroethane	58.2		"	50.0		116	71-137				
1,1,2,2-Tetrachloroethane	46.0		"	50.0		92.0	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	56.6		"	50.0		113	58-146				
1,1,2-Trichloroethane	44.7		"	50.0		89.3	83-123				
1,1-Dichloroethane	56.3		"	50.0		113	75-130				
1,1-Dichloroethylene	58.4		"	50.0		117	64-137				
1,1-Dichloropropylene	56.9		"	50.0		114	77-127				
1,2,3-Trichlorobenzene	41.9		"	50.0		83.8	81-140				
1,2,3-Trichloropropane	43.3		"	50.0		86.7	81-126				
1,2,4,5-Tetramethylbenzene	42.7		"	50.0		85.4	63-156				
1,2,4-Trichlorobenzene	42.4		"	50.0		84.8	80-141				
1,2,4-Trimethylbenzene	42.7		"	50.0		85.4	84-125				
1,2-Dibromo-3-chloropropane	39.0		"	50.0		77.9	74-142				
1,2-Dibromoethane	49.3		"	50.0		98.7	86-123				
1,2-Dichlorobenzene	41.4		"	50.0		82.9	85-122	Low Bias			
1,2-Dichloroethane	56.5		"	50.0		113	71-133				
1,2-Dichloropropane	48.0		"	50.0		95.9	81-122				
1,3,5-Trimethylbenzene	41.9		"	50.0		83.8	82-126				
1,3-Dichlorobenzene	42.0		"	50.0		84.1	84-124				
1,3-Dichloropropane	46.6		"	50.0		93.1	83-123				
1,4-Dichlorobenzene	40.8		"	50.0		81.6	84-124	Low Bias			
1,4-Dioxane	859		"	1050		81.8	10-228				
2,2-Dichloropropane	53.1		"	50.0		106	67-136				
2-Butanone	57.3		"	50.0		115	58-147				
2-Chloroethylvinyl ether	0.00		"	50.0			10-166	Low Bias			
2-Chlorotoluene	43.8		"	50.0		87.6	78-127				
2-Hexanone	45.8		"	50.0		91.7	70-139				
4-Chlorotoluene	44.0		"	50.0		88.0	79-125				
4-Methyl-2-pentanone	48.2		"	50.0		96.4	72-132				
Acetone	41.2		"	50.0		82.4	36-155				
Acrolein	50.5		"	50.0		101	10-238				
Acrylonitrile	62.6		"	50.0		125	66-141				
Benzene	58.8		"	50.0		118	77-127				
Bromobenzene	43.3		"	50.0		86.6	77-129				
Bromochloromethane	59.3		"	50.0		119	74-129				
Bromodichloromethane	46.0		"	50.0		92.1	81-124				
Bromoform	44.0		"	50.0		88.1	80-136				
Bromomethane	64.9		"	50.0		130	32-177				
Carbon disulfide	59.1		"	50.0		118	10-136				
Carbon tetrachloride	53.6		"	50.0		107	66-143				
Chlorobenzene	48.2		"	50.0		96.3	86-120				
Chloroethane	65.2		"	50.0		130	51-142				
Chloroform	57.4		"	50.0		115	76-131				
Chloromethane	46.8		"	50.0		93.5	49-132				
cis-1,2-Dichloroethylene	57.1		"	50.0		114	74-132				
cis-1,3-Dichloropropylene	46.4		"	50.0		92.7	81-129				
Cyclohexane	57.1		"	50.0		114	70-130				
Dibromochloromethane	40.1		"	50.0		80.1	10-200				
Dibromomethane	43.7		"	50.0		87.3	83-124				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL20890 - EPA 5035A											
LCS (BL20890-BS1)								Prepared & Analyzed: 12/15/2022			
Dichlorodifluoromethane	34.8		ug/L	50.0		69.6	28-158				
Diisopropyl ether (DIPE)	58.8		"	50.0		118	70-130				
Ethanol	ND	80	ug/kg wet				70-130				
Ethyl Benzene	46.2		ug/L	50.0		92.4	84-125				
Ethyl tert-butyl ether (ETBE)	62.4		"	50.0		125	70-130				
Hexachlorobutadiene	40.7		"	50.0		81.5	83-133	Low Bias			
Iodomethane	61.3		"	50.0		123	70-130				
Isopropylbenzene	45.8		"	50.0		91.5	81-127				
Methyl acetate	55.0		"	50.0		110	41-143				
Methyl Methacrylate	43.3		"	50.0		86.6	79-125				
Methyl tert-butyl ether (MTBE)	55.8		"	50.0		112	74-131				
Methylcyclohexane	44.7		"	50.0		89.5	70-130				
Methylene chloride	61.2		"	50.0		122	57-141				
Naphthalene	43.9		"	50.0		87.7	86-141				
n-Butylbenzene	42.6		"	50.0		85.2	80-130				
n-Propylbenzene	44.5		"	50.0		89.0	74-136				
o-Xylene	46.1		"	50.0		92.3	83-123				
p- & m- Xylenes	90.4		"	100		90.4	82-128				
p-Diethylbenzene	43.0		"	50.0		86.1	70-144				
p-Ethyltoluene	41.9		"	50.0		83.8	84-123	Low Bias			
p-Isopropyltoluene	42.4		"	50.0		84.7	85-125	Low Bias			
sec-Butylbenzene	44.2		"	50.0		88.5	83-125				
Styrene	46.5		"	50.0		93.0	86-126				
tert-Amyl alcohol (TAA)	615		"	500		123	70-130				
tert-Amyl methyl ether (TAME)	60.9		"	50.0		122	70-130				
tert-Butyl alcohol (TBA)	310		"	250		124	70-130				
tert-Butylbenzene	43.3		"	50.0		86.6	80-127				
Tetrachloroethylene	38.3		"	50.0		76.5	80-129	Low Bias			
Tetrahydrofuran	59.2		"	50.0		118	64-137				
Toluene	45.6		"	50.0		91.2	85-121				
trans-1,2-Dichloroethylene	57.4		"	50.0		115	72-132				
trans-1,3-Dichloropropylene	39.6		"	50.0		79.2	78-132				
trans-1,4-dichloro-2-butene	46.6		"	50.0		93.1	75-135				
Trichloroethylene	44.7		"	50.0		89.4	84-123				
Trichlorofluoromethane	63.0		"	50.0		126	62-140				
Vinyl acetate	58.8		"	50.0		118	67-136				
Vinyl Chloride	58.8		"	50.0		118	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.6*		*"*	*50.0*		*99.2*	*77-125*				
Surrogate: SURR: Toluene-d8	*44.4*		*"*	*50.0*		*88.7*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.6*		*"*	*50.0*		*99.2*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL20890 - EPA 5035A											
LCS Dup (BL20890-BSD1)								Prepared & Analyzed: 12/15/2022			
1,1,1,2-Tetrachloroethane	42.2		ug/L	50.0		84.4	75-129		1.34	30	
1,1,1-Trichloroethane	59.1		"	50.0		118	71-137		1.40	30	
1,1,2,2-Tetrachloroethane	48.1		"	50.0		96.1	79-129		4.40	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	57.6		"	50.0		115	58-146		1.75	30	
1,1,2-Trichloroethane	46.8		"	50.0		93.5	83-123		4.57	30	
1,1-Dichloroethane	57.0		"	50.0		114	75-130		1.39	30	
1,1-Dichloroethylene	60.3		"	50.0		121	64-137		3.17	30	
1,1-Dichloropropylene	57.6		"	50.0		115	77-127		1.24	30	
1,2,3-Trichlorobenzene	43.8		"	50.0		87.5	81-140		4.37	30	
1,2,3-Trichloropropane	48.2		"	50.0		96.4	81-126		10.6	30	
1,2,4,5-Tetramethylbenzene	43.8		"	50.0		87.7	63-156		2.61	30	
1,2,4-Trichlorobenzene	42.4		"	50.0		84.7	80-141		0.0472	30	
1,2,4-Trimethylbenzene	44.2		"	50.0		88.4	84-125		3.47	30	
1,2-Dibromo-3-chloropropane	40.3		"	50.0		80.6	74-142		3.43	30	
1,2-Dibromoethane	51.2		"	50.0		102	86-123		3.76	30	
1,2-Dichlorobenzene	43.1		"	50.0		86.1	85-122		3.81	30	
1,2-Dichloroethane	57.9		"	50.0		116	71-133		2.41	30	
1,2-Dichloropropane	50.3		"	50.0		101	81-122		4.74	30	
1,3,5-Trimethylbenzene	43.6		"	50.0		87.3	82-126		4.12	30	
1,3-Dichlorobenzene	43.0		"	50.0		86.0	84-124		2.26	30	
1,3-Dichloropropane	48.5		"	50.0		97.1	83-123		4.14	30	
1,4-Dichlorobenzene	41.9		"	50.0		83.8	84-124	Low Bias	2.69	30	
1,4-Dioxane	893		"	1050		85.1	10-228		3.90	30	
2,2-Dichloropropane	53.9		"	50.0		108	67-136		1.51	30	
2-Butanone	60.1		"	50.0		120	58-147		4.75	30	
2-Chloroethylvinyl ether	0.00		"	50.0			10-166	Low Bias		30	
2-Chlorotoluene	45.4		"	50.0		90.8	78-127		3.61	30	
2-Hexanone	48.5		"	50.0		97.0	70-139		5.66	30	
4-Chlorotoluene	45.9		"	50.0		91.9	79-125		4.34	30	
4-Methyl-2-pentanone	51.2		"	50.0		102	72-132		6.05	30	
Acetone	43.0		"	50.0		86.1	36-155		4.30	30	
Acrolein	50.3		"	50.0		101	10-238		0.238	30	
Acrylonitrile	63.6		"	50.0		127	66-141		1.47	30	
Benzene	59.6		"	50.0		119	77-127		1.45	30	
Bromobenzene	45.5		"	50.0		91.0	77-129		4.91	30	
Bromochloromethane	61.1		"	50.0		122	74-129		2.91	30	
Bromodichloromethane	48.2		"	50.0		96.4	81-124		4.56	30	
Bromoform	44.6		"	50.0		89.2	80-136		1.26	30	
Bromomethane	65.9		"	50.0		132	32-177		1.54	30	
Carbon disulfide	59.1		"	50.0		118	10-136		0.0677	30	
Carbon tetrachloride	53.8		"	50.0		108	66-143		0.428	30	
Chlorobenzene	49.7		"	50.0		99.4	86-120		3.13	30	
Chloroethane	65.8		"	50.0		132	51-142		0.855	30	
Chloroform	58.0		"	50.0		116	76-131		1.02	30	
Chloromethane	46.4		"	50.0		92.8	49-132		0.751	30	
cis-1,2-Dichloroethylene	59.2		"	50.0		118	74-132		3.73	30	
cis-1,3-Dichloropropylene	48.8		"	50.0		97.7	81-129		5.17	30	
Cyclohexane	57.9		"	50.0		116	70-130		1.41	30	
Dibromochloromethane	41.3		"	50.0		82.6	10-200		3.00	30	
Dibromomethane	46.0		"	50.0		92.1	83-124		5.33	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL20890 - EPA 5035A											
LCS Dup (BL20890-BSD1)								Prepared & Analyzed: 12/15/2022			
Dichlorodifluoromethane	34.0		ug/L	50.0		68.0	28-158		2.35	30	
Diisopropyl ether (DIPE)	59.8		"	50.0		120	70-130		1.79	30	
Ethanol	ND	80	ug/kg wet				70-130			30	
Ethyl Benzene	47.1		ug/L	50.0		94.1	84-125		1.87	30	
Ethyl tert-butyl ether (ETBE)	64.0		"	50.0		128	70-130		2.49	30	
Hexachlorobutadiene	41.8		"	50.0		83.7	83-133		2.71	30	
Iodomethane	61.3		"	50.0		123	70-130		0.0163	30	
Isopropylbenzene	47.9		"	50.0		95.8	81-127		4.53	30	
Methyl acetate	57.7		"	50.0		115	41-143		4.77	30	
Methyl Methacrylate	45.7		"	50.0		91.4	79-125		5.30	30	
Methyl tert-butyl ether (MTBE)	57.8		"	50.0		116	74-131		3.52	30	
Methylcyclohexane	46.4		"	50.0		92.7	70-130		3.60	30	
Methylene chloride	61.8		"	50.0		124	57-141		1.09	30	
Naphthalene	45.1		"	50.0		90.3	86-141		2.83	30	
n-Butylbenzene	43.8		"	50.0		87.7	80-130		2.85	30	
n-Propylbenzene	46.3		"	50.0		92.6	74-136		3.97	30	
o-Xylene	46.8		"	50.0		93.7	83-123		1.55	30	
p- & m- Xylenes	93.1		"	100		93.1	82-128		2.88	30	
p-Diethylbenzene	44.3		"	50.0		88.6	70-144		2.91	30	
p-Ethyltoluene	43.6		"	50.0		87.3	84-123		4.12	30	
p-Isopropyltoluene	43.6		"	50.0		87.3	85-125		3.00	30	
sec-Butylbenzene	45.9		"	50.0		91.8	83-125		3.62	30	
Styrene	47.4		"	50.0		94.9	86-126		1.98	30	
tert-Amyl alcohol (TAA)	646		"	500		129	70-130		4.97	30	
tert-Amyl methyl ether (TAME)	62.5		"	50.0		125	70-130		2.64	30	
tert-Butyl alcohol (TBA)	327		"	250		131	70-130	High Bias	5.38	30	
tert-Butylbenzene	44.6		"	50.0		89.1	80-127		2.84	30	
Tetrachloroethylene	39.4		"	50.0		78.7	80-129	Low Bias	2.81	30	
Tetrahydrofuran	60.3		"	50.0		121	64-137		1.87	30	
Toluene	47.5		"	50.0		94.9	85-121		3.98	30	
trans-1,2-Dichloroethylene	57.9		"	50.0		116	72-132		1.02	30	
trans-1,3-Dichloropropylene	41.6		"	50.0		83.2	78-132		4.88	30	
trans-1,4-dichloro-2-butene	49.0		"	50.0		98.0	75-135		5.15	30	
Trichloroethylene	46.6		"	50.0		93.3	84-123		4.27	30	
Trichlorofluoromethane	63.2		"	50.0		126	62-140		0.396	30	
Vinyl acetate	56.5		"	50.0		113	67-136		4.02	30	
Vinyl Chloride	58.1		"	50.0		116	52-130		1.16	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.3*		*"*	*50.0*		*98.5*	*77-125*				
Surrogate: SURR: Toluene-d8	*44.6*		*"*	*50.0*		*89.3*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.3*		*"*	*50.0*		*103*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL20890 - EPA 5035A											
Matrix Spike (BL20890-MS1)	*Source sample: 22L0645-02 (Matrix Spike)							Prepared & Analyzed: 12/15/2022			
1,1,1,2-Tetrachloroethane	30.6		ug/L	50.0	0.00	61.2	15-161				
1,1,1-Trichloroethane	45.8		"	50.0	0.00	91.6	42-145				
1,1,2,2-Tetrachloroethane	35.5		"	50.0	0.00	71.0	16-167				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	42.8		"	50.0	0.00	85.6	11-160				
1,1,2-Trichloroethane	36.1		"	50.0	0.00	72.3	44-145				
1,1-Dichloroethane	46.6		"	50.0	0.00	93.3	46-142				
1,1-Dichloroethylene	48.0		"	50.0	0.00	96.0	30-153				
1,1-Dichloropropylene	42.7		"	50.0	0.00	85.5	40-133				
1,2,3-Trichlorobenzene	21.9		"	50.0	0.00	43.8	10-157				
1,2,3-Trichloropropane	36.2		"	50.0	0.00	72.5	38-155				
1,2,4,5-Tetramethylbenzene	27.6		"	50.0	0.00	55.1	10-138				
1,2,4-Trichlorobenzene	21.1		"	50.0	0.00	42.2	10-151				
1,2,4-Trimethylbenzene	9.98		"	50.0	0.00	20.0	10-170				
1,2-Dibromo-3-chloropropane	27.2		"	50.0	0.00	54.5	36-138				
1,2-Dibromoethane	38.0		"	50.0	0.00	75.9	40-142				
1,2-Dichlorobenzene	26.8		"	50.0	0.00	53.7	10-147				
1,2-Dichloroethane	45.8		"	50.0	0.00	91.6	48-133				
1,2-Dichloropropane	38.6		"	50.0	0.00	77.2	47-141				
1,3,5-Trimethylbenzene	29.9		"	50.0	0.00	59.8	10-150				
1,3-Dichlorobenzene	26.4		"	50.0	0.00	52.8	10-144				
1,3-Dichloropropane	38.0		"	50.0	0.00	76.0	43-142				
1,4-Dichlorobenzene	25.2		"	50.0	0.00	50.4	10-160				
1,4-Dioxane	708		"	1050	0.00	67.4	10-191				
2,2-Dichloropropane	38.7		"	50.0	0.00	77.5	38-130				
2-Butanone	39.0		"	50.0	0.00	77.9	10-189				
2-Chloroethylvinyl ether	0.00		"	50.0	0.00		10-161	Low Bias			
2-Chlorotoluene	29.6		"	50.0	0.00	59.3	14-144				
2-Hexanone	24.6		"	50.0	0.00	49.2	10-181				
4-Chlorotoluene	26.1		"	50.0	0.00	52.2	15-138				
4-Methyl-2-pentanone	32.9		"	50.0	0.00	65.7	10-166				
Acetone	32.3		"	50.0	0.00	64.6	10-196				
Acrolein	0.00		"	50.0	0.00		10-192	Low Bias			
Acrylonitrile	34.5		"	50.0	0.00	69.1	13-161				
Benzene	46.7		"	50.0	0.00	93.4	43-139				
Bromobenzene	30.8		"	50.0	0.00	61.6	23-142				
Bromochloromethane	49.1		"	50.0	0.00	98.2	38-145				
Bromodichloromethane	35.8		"	50.0	0.00	71.7	38-147				
Bromoform	30.4		"	50.0	0.00	60.8	29-156				
Bromomethane	43.9		"	50.0	0.00	87.8	10-166				
Carbon disulfide	43.5		"	50.0	0.00	87.0	10-131				
Carbon tetrachloride	39.8		"	50.0	0.00	79.7	35-145				
Chlorobenzene	35.6		"	50.0	0.00	71.2	21-154				
Chloroethane	55.6		"	50.0	0.00	111	15-160				
Chloroform	45.9		"	50.0	0.00	91.7	47-142				
Chloromethane	37.9		"	50.0	0.00	75.9	10-159				
cis-1,2-Dichloroethylene	45.8		"	50.0	0.00	91.6	42-144				
cis-1,3-Dichloropropylene	32.6		"	50.0	0.00	65.2	18-159				
Cyclohexane	44.8		"	50.0	0.00	89.7	70-130				
Dibromochloromethane	29.4		"	50.0	0.00	58.8	10-179				
Dibromomethane	36.0		"	50.0	0.00	72.1	47-143				

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 BL20890 - EPA 5035A											
Matrix Spike (BL20890-MS1)	*Source sample: 22L0645-02 (Matrix Spike)							Prepared & Analyzed: 12/15/2022			
Dichlorodifluoromethane	23.9		ug/L	50.0	0.00	47.8	10-145				
Diisopropyl ether (DIPE)	50.4		"	50.0	0.00	101	70-130				
Ethanol	ND	96	ug/kg dry		ND		70-130				
Ethyl Benzene	31.9		ug/L	50.0	0.00	63.8	11-158				
Ethyl tert-butyl ether (ETBE)	52.9		"	50.0	0.00	106	70-130				
Hexachlorobutadiene	20.8		"	50.0	0.00	41.6	10-158				
Iodomethane	41.5		"	50.0	0.00	83.0	70-130				
Isopropylbenzene	29.0		"	50.0	0.00	57.9	10-162				
Methyl acetate	38.0		"	50.0	0.00	75.9	10-149				
Methyl Methacrylate	38.3		"	50.0	0.00	76.6	22-162				
Methyl tert-butyl ether (MTBE)	47.4		"	50.0	0.00	94.9	42-152				
Methylcyclohexane	31.9		"	50.0	0.00	63.9	70-130	Low Bias			
Methylene chloride	58.2		"	50.0	11.6	93.3	28-151				
Naphthalene	23.3		"	50.0	0.00	46.6	10-158				
n-Butylbenzene	19.7		"	50.0	0.00	39.3	10-162				
n-Propylbenzene	25.1		"	50.0	0.00	50.1	10-155				
o-Xylene	34.2		"	50.0	0.00	68.4	10-158				
p- & m- Xylenes	40.0		"	100	0.00	40.0	10-156				
p-Diethylbenzene	25.2		"	50.0	0.00	50.5	10-146				
p-Ethyltoluene	29.9		"	50.0	0.00	59.8	10-135				
p-Isopropyltoluene	25.9		"	50.0	0.00	51.9	10-147				
sec-Butylbenzene	24.2		"	50.0	0.00	48.4	10-157				
Styrene	30.6		"	50.0	0.00	61.3	13-171				
tert-Amyl alcohol (TAA)	487		"	500	0.00	97.4	70-130				
tert-Amyl methyl ether (TAME)	50.5		"	50.0	0.00	101	70-130				
tert-Butyl alcohol (TBA)	243		"	250	0.00	97.1	34-179				
tert-Butylbenzene	31.1		"	50.0	0.00	62.2	10-160				
Tetrachloroethylene	27.6		"	50.0	0.00	55.3	30-167				
Tetrahydrofuran	47.1		"	50.0	0.00	94.1	25-160				
Toluene	34.0		"	50.0	0.00	68.0	21-160				
trans-1,2-Dichloroethylene	45.5		"	50.0	0.00	91.0	29-153				
trans-1,3-Dichloropropylene	27.0		"	50.0	0.00	54.0	18-155				
trans-1,4-dichloro-2-butene	32.8		"	50.0	0.00	65.6	17-154				
Trichloroethylene	34.5		"	50.0	0.00	69.1	24-169				
Trichlorofluoromethane	51.4		"	50.0	0.00	103	35-142				
Vinyl acetate	50.9		"	50.0	0.00	102	10-119				
Vinyl Chloride	48.1		"	50.0	0.00	96.2	12-160				
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.4*		*"*	*50.0*		*96.8*	*77-125*				
Surrogate: SURR: Toluene-d8	*43.5*		*"*	*50.0*		*87.1*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.1*		*"*	*50.0*		*102*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL20890 - EPA 5035A											
Matrix Spike Dup (BL20890-MSD1)	*Source sample: 22L0645-02 (Matrix Spike Dup)								Prepared & Analyzed: 12/15/2022		
1,1,1,2-Tetrachloroethane	22.7		ug/L	50.0	0.00	45.4	15-161		29.6	33	
1,1,1-Trichloroethane	29.4		"	50.0	0.00	58.8	42-145		43.6	30	Non-dir.
1,1,2,2-Tetrachloroethane	39.3		"	50.0	0.00	78.5	16-167		10.0	56	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	27.6		"	50.0	0.00	55.2	11-160		43.1	31	Non-dir.
1,1,2-Trichloroethane	33.3		"	50.0	0.00	66.6	44-145		8.21	40	
1,1-Dichloroethane	31.0		"	50.0	0.00	62.0	46-142		40.3	36	Non-dir.
1,1-Dichloroethylene	29.0		"	50.0	0.00	58.1	30-153		49.3	31	Non-dir.
1,1-Dichloropropylene	25.9		"	50.0	0.00	51.8	40-133		49.1	28	Non-dir.
1,2,3-Trichlorobenzene	18.1		"	50.0	0.00	36.1	10-157		19.3	47	
1,2,3-Trichloropropane	39.1		"	50.0	0.00	78.2	38-155		7.67	48	
1,2,4,5-Tetramethylbenzene	19.4		"	50.0	0.00	38.7	10-138		35.0	44	
1,2,4-Trichlorobenzene	16.5		"	50.0	0.00	33.0	10-151		24.5	52	
1,2,4-Trimethylbenzene	4.83		"	50.0	0.00	9.66	10-170	Low Bias	69.5	242	
1,2-Dibromo-3-chloropropane	32.5		"	50.0	0.00	65.1	36-138		17.8	54	
1,2-Dibromoethane	37.0		"	50.0	0.00	74.0	40-142		2.48	39	
1,2-Dichlorobenzene	20.7		"	50.0	0.00	41.4	10-147		25.7	52	
1,2-Dichloroethane	39.6		"	50.0	0.00	79.2	48-133		14.6	32	
1,2-Dichloropropane	29.6		"	50.0	0.00	59.1	47-141		26.5	37	
1,3,5-Trimethylbenzene	20.0		"	50.0	0.00	40.0	10-150		39.6	62	
1,3-Dichlorobenzene	19.0		"	50.0	0.00	38.0	10-144		32.7	51	
1,3-Dichloropropane	33.6		"	50.0	0.00	67.3	43-142		12.1	36	
1,4-Dichlorobenzene	19.0		"	50.0	0.00	37.9	10-160		28.2	52	
1,4-Dioxane	1010		"	1050	0.00	95.9	10-191		34.9	196	
2,2-Dichloropropane	24.8		"	50.0	0.00	49.6	38-130		43.8	31	Non-dir.
2-Butanone	50.2		"	50.0	0.00	100	10-189		25.3	67	
2-Chloroethylvinyl ether	0.00		"	50.0	0.00		10-161	Low Bias		30	
2-Chlorotoluene	20.2		"	50.0	0.00	40.4	14-144		37.9	49	
2-Hexanone	28.0		"	50.0	0.00	55.9	10-181		12.7	60	
4-Chlorotoluene	18.0		"	50.0	0.00	36.1	15-138		36.6	39	
4-Methyl-2-pentanone	38.8		"	50.0	0.00	77.7	10-166		16.7	47	
Acetone	45.8		"	50.0	0.00	91.5	10-196		34.4	150	
Acrolein	0.00		"	50.0	0.00		10-192	Low Bias		128	
Acrylonitrile	41.9		"	50.0	0.00	83.8	13-161		19.3	48	
Benzene	31.5		"	50.0	0.00	63.0	43-139		38.8	64	
Bromobenzene	23.8		"	50.0	0.00	47.7	23-142		25.4	44	
Bromochloromethane	40.3		"	50.0	0.00	80.6	38-145		19.7	30	
Bromodichloromethane	27.2		"	50.0	0.00	54.3	38-147		27.5	37	
Bromoform	28.8		"	50.0	0.00	57.6	29-156		5.47	51	
Bromomethane	29.3		"	50.0	0.00	58.5	10-166		40.0	42	
Carbon disulfide	24.9		"	50.0	0.00	49.8	10-131		54.3	36	Non-dir.
Carbon tetrachloride	24.9		"	50.0	0.00	49.7	35-145		46.3	31	Non-dir.
Chlorobenzene	24.5		"	50.0	0.00	49.1	21-154		36.9	32	Non-dir.
Chloroethane	33.6		"	50.0	0.00	67.1	15-160		49.5	40	Non-dir.
Chloroform	33.0		"	50.0	0.00	66.1	47-142		32.5	29	Non-dir.
Chloromethane	22.0		"	50.0	0.00	44.1	10-159		53.0	31	Non-dir.
cis-1,2-Dichloroethylene	32.0		"	50.0	0.00	64.1	42-144		35.4	30	Non-dir.
cis-1,3-Dichloropropylene	24.2		"	50.0	0.00	48.5	18-159		29.4	39	
Cyclohexane	27.2		"	50.0	0.00	54.4	70-130	Low Bias	48.9	30	Non-dir.
Dibromochloromethane	25.6		"	50.0	0.00	51.3	10-179		13.7	41	
Dibromomethane	32.7		"	50.0	0.00	65.5	47-143		9.60	41	

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 BL20890 - EPA 5035A											
Matrix Spike Dup (BL20890-MSD1)	*Source sample: 22L0645-02 (Matrix Spike Dup)								Prepared & Analyzed: 12/15/2022		
Dichlorodifluoromethane	14.1		ug/L	50.0	0.00	28.2	10-145		51.8	34	Non-dir.
Diisopropyl ether (DIPE)	39.9		"	50.0	0.00	79.7	70-130		23.3	30	
Ethanol	ND	96	ug/kg dry		ND		70-130			30	
Ethyl Benzene	20.2		ug/L	50.0	0.00	40.4	11-158		45.0	42	Non-dir.
Ethyl tert-butyl ether (ETBE)	44.9		"	50.0	0.00	89.7	70-130		16.5	30	
Hexachlorobutadiene	13.9		"	50.0	0.00	27.9	10-158		39.6	45	
Iodomethane	22.0		"	50.0	0.00	44.1	70-130	Low Bias	61.3	30	Non-dir.
Isopropylbenzene	18.1		"	50.0	0.00	36.1	10-162		46.3	57	
Methyl acetate	46.7		"	50.0	0.00	93.5	10-149		20.7	64	
Methyl Methacrylate	38.3		"	50.0	0.00	76.6	22-162		0.104	30	
Methyl tert-butyl ether (MTBE)	44.8		"	50.0	0.00	89.6	42-152		5.75	47	
Methylcyclohexane	19.0		"	50.0	0.00	37.9	70-130	Low Bias	51.0	30	Non-dir.
Methylene chloride	50.5		"	50.0	11.6	77.9	28-151		14.2	49	
Naphthalene	23.2		"	50.0	0.00	46.5	10-158		0.301	95	
n-Butylbenzene	11.6		"	50.0	0.00	23.2	10-162		51.5	96	
n-Propylbenzene	15.2		"	50.0	0.00	30.3	10-155		49.3	56	
o-Xylene	22.7		"	50.0	0.00	45.4	10-158		40.4	51	
p- & m- Xylenes	21.5		"	100	0.00	21.5	10-156		60.2	47	Non-dir.
p-Diethylbenzene	16.2		"	50.0	0.00	32.3	10-146		43.9	39	Non-dir.
p-Ethyltoluene	20.0		"	50.0	0.00	40.0	10-135		39.6	40	
p-Isopropyltoluene	16.2		"	50.0	0.00	32.4	10-147		46.3	60	
sec-Butylbenzene	14.2		"	50.0	0.00	28.4	10-157		52.2	56	
Styrene	20.0		"	50.0	0.00	40.0	13-171		42.1	39	Non-dir.
tert-Amyl alcohol (TAA)	693		"	500	0.00	139	70-130	High Bias	34.8	30	Non-dir.
tert-Amyl methyl ether (TAME)	49.6		"	50.0	0.00	99.2	70-130		1.84	30	
tert-Butyl alcohol (TBA)	372		"	250	0.00	149	34-179		42.1	35	Non-dir.
tert-Butylbenzene	19.9		"	50.0	0.00	39.7	10-160		44.1	79	
Tetrachloroethylene	18.0		"	50.0	0.00	35.9	30-167		42.5	33	Non-dir.
Tetrahydrofuran	63.2		"	50.0	0.00	126	25-160		29.2	30	
Toluene	22.1		"	50.0	0.00	44.2	21-160		42.3	50	
trans-1,2-Dichloroethylene	29.2		"	50.0	0.00	58.5	29-153		43.4	30	Non-dir.
trans-1,3-Dichloropropylene	21.9		"	50.0	0.00	43.8	18-155		20.8	30	
trans-1,4-dichloro-2-butene	35.8		"	50.0	0.00	71.7	17-154		8.77	30	
Trichloroethylene	22.6		"	50.0	0.00	45.1	24-169		42.0	30	Non-dir.
Trichlorofluoromethane	30.7		"	50.0	0.00	61.3	35-142		50.5	30	Non-dir.
Vinyl acetate	41.1		"	50.0	0.00	82.1	10-119		21.3	82	
Vinyl Chloride	27.3		"	50.0	0.00	54.6	12-160		55.2	35	Non-dir.
Surrogate: SURR: 1,2-Dichloroethane-d4	*53.8*		*"*	*50.0*		*108*	*77-125*				
Surrogate: SURR: Toluene-d8	*43.6*		*"*	*50.0*		*87.2*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*52.4*		*"*	*50.0*		*105*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL20977 - EPA 5035A											
Blank (BL20977-BLK1)											Prepared & Analyzed: 12/16/2022
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	"								
1,4-Dioxane	ND	100	"								
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. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL20977 - EPA 5035A											
Blank (BL20977-BLK1)											Prepared & Analyzed: 12/16/2022
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	8.5	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	5.0	"								
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	*59.9*		*ug/L*	*50.0*		*120*	*77-125*				
Surrogate: SURR: Toluene-d8	*45.6*		*"*	*50.0*		*91.2*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*47.6*		*"*	*50.0*		*95.2*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL20977 - EPA 5035A											
Blank (BL20977-BLK2)											Prepared & Analyzed: 12/16/2022
1,1,1,2-Tetrachloroethane	ND	500	ug/kg wet								
1,1,1-Trichloroethane	ND	500	"								
1,1,2,2-Tetrachloroethane	ND	500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	500	"								
1,1,2-Trichloroethane	ND	500	"								
1,1-Dichloroethane	ND	500	"								
1,1-Dichloroethylene	ND	500	"								
1,1-Dichloropropylene	ND	500	"								
1,2,3-Trichlorobenzene	ND	500	"								
1,2,3-Trichloropropane	ND	500	"								
1,2,4,5-Tetramethylbenzene	ND	500	"								
1,2,4-Trichlorobenzene	ND	500	"								
1,2,4-Trimethylbenzene	ND	500	"								
1,2-Dibromo-3-chloropropane	ND	500	"								
1,2-Dibromoethane	ND	500	"								
1,2-Dichlorobenzene	ND	500	"								
1,2-Dichloroethane	ND	500	"								
1,2-Dichloropropane	ND	500	"								
1,3,5-Trimethylbenzene	ND	500	"								
1,3-Dichlorobenzene	ND	500	"								
1,3-Dichloropropane	ND	500	"								
1,4-Dichlorobenzene	ND	500	"								
1,4-Dioxane	ND	10000	"								
2,2-Dichloropropane	ND	500	"								
2-Butanone	ND	500	"								
2-Chloroethylvinyl ether	ND	2000	"								
2-Chlorotoluene	ND	500	"								
2-Hexanone	ND	500	"								
4-Chlorotoluene	ND	500	"								
4-Methyl-2-pentanone	ND	500	"								
Acetone	ND	1000	"								
Acrolein	ND	1000	"								
Acrylonitrile	ND	500	"								
Benzene	ND	500	"								
Bromobenzene	ND	500	"								
Bromochloromethane	ND	500	"								
Bromodichloromethane	ND	500	"								
Bromoform	ND	500	"								
Bromomethane	ND	500	"								
Carbon disulfide	ND	500	"								
Carbon tetrachloride	ND	500	"								
Chlorobenzene	ND	500	"								
Chloroethane	ND	500	"								
Chloroform	ND	500	"								
Chloromethane	ND	500	"								
cis-1,2-Dichloroethylene	ND	500	"								
cis-1,3-Dichloropropylene	ND	500	"								
Cyclohexane	ND	500	"								
Dibromochloromethane	ND	500	"								
Dibromomethane	ND	500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL20977 - EPA 5035A											
Blank (BL20977-BLK2)											Prepared & Analyzed: 12/16/2022
Dichlorodifluoromethane	ND	500	ug/kg wet								
Diisopropyl ether (DIPE)	ND	800	"								
Ethanol	ND	8000	"								
Ethyl Benzene	ND	500	"								
Ethyl tert-butyl ether (ETBE)	ND	800	"								
Hexachlorobutadiene	ND	500	"								
Iodomethane	ND	500	"								
Isopropylbenzene	ND	500	"								
Methyl acetate	ND	500	"								
Methyl Methacrylate	ND	500	"								
Methyl tert-butyl ether (MTBE)	ND	500	"								
Methylcyclohexane	ND	500	"								
Methylene chloride	1100	1000	"								
Naphthalene	ND	1000	"								
n-Butylbenzene	ND	500	"								
n-Propylbenzene	ND	500	"								
o-Xylene	ND	500	"								
p- & m- Xylenes	ND	1000	"								
p-Diethylbenzene	ND	500	"								
p-Ethyltoluene	ND	500	"								
p-Isopropyltoluene	ND	500	"								
sec-Butylbenzene	ND	500	"								
Styrene	ND	500	"								
tert-Amyl alcohol (TAA)	ND	8000	"								
tert-Amyl methyl ether (TAME)	ND	800	"								
tert-Butyl alcohol (TBA)	ND	500	"								
tert-Butylbenzene	ND	500	"								
Tetrachloroethylene	ND	500	"								
Tetrahydrofuran	ND	1000	"								
Toluene	ND	500	"								
trans-1,2-Dichloroethylene	ND	500	"								
trans-1,3-Dichloropropylene	ND	500	"								
trans-1,4-dichloro-2-butene	ND	500	"								
Trichloroethylene	ND	500	"								
Trichlorofluoromethane	ND	500	"								
Vinyl acetate	ND	500	"								
Vinyl Chloride	ND	500	"								
Xylenes, Total	ND	1500	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*60.0*		*ug/L*	*50.0*		*120*	*77-125*				
Surrogate: SURR: Toluene-d8	*44.8*		*"*	*50.0*		*89.6*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.1*		*"*	*50.0*		*96.2*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL20977 - EPA 5035A											
LCS (BL20977-BS1)								Prepared & Analyzed: 12/16/2022			
1,1,1,2-Tetrachloroethane	49.1		ug/L	50.0		98.2	75-129				
1,1,1-Trichloroethane	53.3		"	50.0		107	71-137				
1,1,2,2-Tetrachloroethane	51.4		"	50.0		103	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	37.2		"	50.0		74.4	58-146				
1,1,2-Trichloroethane	49.0		"	50.0		98.1	83-123				
1,1-Dichloroethane	46.3		"	50.0		92.6	75-130				
1,1-Dichloroethylene	35.7		"	50.0		71.4	64-137				
1,1-Dichloropropylene	45.0		"	50.0		90.1	77-127				
1,2,3-Trichlorobenzene	38.1		"	50.0		76.2	81-140	Low Bias			
1,2,3-Trichloropropane	57.4		"	50.0		115	81-126				
1,2,4,5-Tetramethylbenzene	46.0		"	50.0		92.0	63-156				
1,2,4-Trichlorobenzene	50.4		"	50.0		101	80-141				
1,2,4-Trimethylbenzene	44.3		"	50.0		88.6	84-125				
1,2-Dibromo-3-chloropropane	58.1		"	50.0		116	74-142				
1,2-Dibromoethane	53.9		"	50.0		108	86-123				
1,2-Dichlorobenzene	46.2		"	50.0		92.4	85-122				
1,2-Dichloroethane	59.2		"	50.0		118	71-133				
1,2-Dichloropropane	44.1		"	50.0		88.2	81-122				
1,3,5-Trimethylbenzene	43.3		"	50.0		86.6	82-126				
1,3-Dichlorobenzene	46.2		"	50.0		92.4	84-124				
1,3-Dichloropropane	48.2		"	50.0		96.4	83-123				
1,4-Dichlorobenzene	45.9		"	50.0		91.8	84-124				
1,4-Dioxane	981		"	1050		93.4	10-228				
2,2-Dichloropropane	50.2		"	50.0		100	67-136				
2-Butanone	28.6		"	50.0		57.3	58-147	Low Bias			
2-Chloroethylvinyl ether	0.00		"	50.0			10-166	Low Bias			
2-Chlorotoluene	43.6		"	50.0		87.1	78-127				
2-Hexanone	51.5		"	50.0		103	70-139				
4-Chlorotoluene	44.4		"	50.0		88.9	79-125				
4-Methyl-2-pentanone	55.3		"	50.0		111	72-132				
Acetone	41.9		"	50.0		83.9	36-155				
Acrolein	44.8		"	50.0		89.6	10-238				
Acrylonitrile	64.2		"	50.0		128	66-141				
Benzene	48.4		"	50.0		96.8	77-127				
Bromobenzene	43.7		"	50.0		87.4	77-129				
Bromochloromethane	54.4		"	50.0		109	74-129				
Bromodichloromethane	46.2		"	50.0		92.4	81-124				
Bromoform	58.8		"	50.0		118	80-136				
Bromomethane	32.4		"	50.0		64.9	32-177				
Carbon disulfide	45.3		"	50.0		90.7	10-136				
Carbon tetrachloride	55.2		"	50.0		110	66-143				
Chlorobenzene	48.8		"	50.0		97.6	86-120				
Chloroethane	37.5		"	50.0		74.9	51-142				
Chloroform	50.9		"	50.0		102	76-131				
Chloromethane	26.9		"	50.0		53.7	49-132				
cis-1,2-Dichloroethylene	48.8		"	50.0		97.5	74-132				
cis-1,3-Dichloropropylene	44.5		"	50.0		89.0	81-129				
Cyclohexane	43.7		"	50.0		87.4	70-130				
Dibromochloromethane	52.1		"	50.0		104	10-200				
Dibromomethane	50.8		"	50.0		102	83-124				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL20977 - EPA 5035A											
LCS (BL20977-BS1)								Prepared & Analyzed: 12/16/2022			
Dichlorodifluoromethane	15.9		ug/L	50.0		31.7	28-158				
Diisopropyl ether (DIPE)	51.0		"	50.0		102	70-130				
Ethanol	ND	80	ug/kg wet				70-130				
Ethyl Benzene	44.6		ug/L	50.0		89.2	84-125				
Ethyl tert-butyl ether (ETBE)	54.4		"	50.0		109	70-130				
Hexachlorobutadiene	39.0		"	50.0		78.1	83-133	Low Bias			
Iodomethane	69.5		"	50.0		139	70-130	High Bias			
Isopropylbenzene	44.5		"	50.0		89.1	81-127				
Methyl acetate	57.2		"	50.0		114	41-143				
Methyl Methacrylate	51.6		"	50.0		103	79-125				
Methyl tert-butyl ether (MTBE)	55.9		"	50.0		112	74-131				
Methylcyclohexane	39.4		"	50.0		78.9	70-130				
Methylene chloride	59.7		"	50.0		119	57-141				
Naphthalene	43.2		"	50.0		86.5	86-141				
n-Butylbenzene	42.1		"	50.0		84.1	80-130				
n-Propylbenzene	43.0		"	50.0		86.0	74-136				
o-Xylene	45.6		"	50.0		91.1	83-123				
p- & m- Xylenes	90.6		"	100		90.6	82-128				
p-Diethylbenzene	43.0		"	50.0		86.0	70-144				
p-Ethyltoluene	46.0		"	50.0		91.9	84-123				
p-Isopropyltoluene	43.6		"	50.0		87.3	85-125				
sec-Butylbenzene	42.2		"	50.0		84.5	83-125				
Styrene	48.6		"	50.0		97.2	86-126				
tert-Amyl alcohol (TAA)	691		"	500		138	70-130	High Bias			
tert-Amyl methyl ether (TAME)	57.4		"	50.0		115	70-130				
tert-Butyl alcohol (TBA)	194		"	250		77.4	70-130				
tert-Butylbenzene	43.8		"	50.0		87.6	80-127				
Tetrachloroethylene	39.5		"	50.0		78.9	80-129	Low Bias			
Tetrahydrofuran	36.9		"	50.0		73.8	64-137				
Toluene	43.4		"	50.0		86.8	85-121				
trans-1,2-Dichloroethylene	47.9		"	50.0		95.7	72-132				
trans-1,3-Dichloropropylene	48.4		"	50.0		96.7	78-132				
trans-1,4-dichloro-2-butene	52.3		"	50.0		105	75-135				
Trichloroethylene	43.5		"	50.0		87.0	84-123				
Trichlorofluoromethane	46.8		"	50.0		93.6	62-140				
Vinyl acetate	78.6		"	50.0		157	67-136	High Bias			
Vinyl Chloride	34.2		"	50.0		68.5	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*59.4*		*"*	*50.0*		*119*	*77-125*				
Surrogate: SURR: Toluene-d8	*45.1*		*"*	*50.0*		*90.2*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*47.7*		*"*	*50.0*		*95.5*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL20977 - EPA 5035A											
LCS Dup (BL20977-BSD1)								Prepared & Analyzed: 12/16/2022			
1,1,1,2-Tetrachloroethane	50.8		ug/L	50.0		102	75-129		3.52	30	
1,1,1-Trichloroethane	55.0		"	50.0		110	71-137		3.01	30	
1,1,2,2-Tetrachloroethane	60.6		"	50.0		121	79-129		16.3	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	48.4		"	50.0		96.9	58-146		26.3	30	
1,1,2-Trichloroethane	49.8		"	50.0		99.6	83-123		1.48	30	
1,1-Dichloroethane	47.5		"	50.0		95.0	75-130		2.56	30	
1,1-Dichloroethylene	49.4		"	50.0		98.9	64-137		32.2	30	Non-dir.
1,1-Dichloropropylene	45.9		"	50.0		91.8	77-127		1.87	30	
1,2,3-Trichlorobenzene	40.2		"	50.0		80.5	81-140	Low Bias	5.41	30	
1,2,3-Trichloropropane	66.4		"	50.0		133	81-126	High Bias	14.7	30	
1,2,4,5-Tetramethylbenzene	44.6		"	50.0		89.3	63-156		3.07	30	
1,2,4-Trichlorobenzene	48.4		"	50.0		96.9	80-141		3.97	30	
1,2,4-Trimethylbenzene	51.9		"	50.0		104	84-125		15.8	30	
1,2-Dibromo-3-chloropropane	50.2		"	50.0		100	74-142		14.6	30	
1,2-Dibromoethane	55.1		"	50.0		110	86-123		2.18	30	
1,2-Dichlorobenzene	46.6		"	50.0		93.2	85-122		0.841	30	
1,2-Dichloroethane	3.77		"	50.0		7.54	71-133	Low Bias	176	30	Non-dir.
1,2-Dichloropropane	44.4		"	50.0		88.7	81-122		0.588	30	
1,3,5-Trimethylbenzene	50.8		"	50.0		102	82-126		15.8	30	
1,3-Dichlorobenzene	53.7		"	50.0		107	84-124		15.1	30	
1,3-Dichloropropane	49.1		"	50.0		98.2	83-123		1.83	30	
1,4-Dichlorobenzene	54.4		"	50.0		109	84-124		16.9	30	
1,4-Dioxane	932		"	1050		88.7	10-228		5.17	30	
2,2-Dichloropropane	51.4		"	50.0		103	67-136		2.24	30	
2-Butanone	61.2		"	50.0		122	58-147		72.5	30	Non-dir.
2-Chloroethylvinyl ether	0.00		"	50.0			10-166	Low Bias		30	
2-Chlorotoluene	50.8		"	50.0		102	78-127		15.4	30	
2-Hexanone	51.2		"	50.0		102	70-139		0.526	30	
4-Chlorotoluene	52.0		"	50.0		104	79-125		15.7	30	
4-Methyl-2-pentanone	56.2		"	50.0		112	72-132		1.56	30	
Acetone	42.9		"	50.0		85.8	36-155		2.24	30	
Acrolein	59.2		"	50.0		118	10-238		27.8	30	
Acrylonitrile	65.2		"	50.0		130	66-141		1.50	30	
Benzene	49.6		"	50.0		99.1	77-127		2.35	30	
Bromobenzene	50.5		"	50.0		101	77-129		14.4	30	
Bromochloromethane	56.3		"	50.0		113	74-129		3.52	30	
Bromodichloromethane	47.6		"	50.0		95.3	81-124		3.00	30	
Bromoform	58.0		"	50.0		116	80-136		1.42	30	
Bromomethane	33.5		"	50.0		67.0	32-177		3.18	30	
Carbon disulfide	46.4		"	50.0		92.8	10-136		2.29	30	
Carbon tetrachloride	57.4		"	50.0		115	66-143		3.93	30	
Chlorobenzene	49.0		"	50.0		98.1	86-120		0.531	30	
Chloroethane	38.5		"	50.0		76.9	51-142		2.63	30	
Chloroform	52.1		"	50.0		104	76-131		2.35	30	
Chloromethane	33.6		"	50.0		67.1	49-132		22.2	30	
cis-1,2-Dichloroethylene	49.4		"	50.0		98.7	74-132		1.26	30	
cis-1,3-Dichloropropylene	45.0		"	50.0		90.0	81-129		1.07	30	
Cyclohexane	44.1		"	50.0		88.1	70-130		0.820	30	
Dibromochloromethane	52.9		"	50.0		106	10-200		1.58	30	
Dibromomethane	52.0		"	50.0		104	83-124		2.53	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL20977 - EPA 5035A											
LCS Dup (BL20977-BSD1)								Prepared & Analyzed: 12/16/2022			
Dichlorodifluoromethane	22.5		ug/L	50.0		45.0	28-158		34.6	30	Non-dir.
Diisopropyl ether (DIPE)	51.5		"	50.0		103	70-130		1.05	30	
Ethanol	ND	80	ug/kg wet				70-130			30	
Ethyl Benzene	44.7		ug/L	50.0		89.5	84-125		0.246	30	
Ethyl tert-butyl ether (ETBE)	55.8		"	50.0		112	70-130		2.58	30	
Hexachlorobutadiene	47.0		"	50.0		94.0	83-133		18.4	30	
Iodomethane	71.8		"	50.0		144	70-130	High Bias	3.25	30	
Isopropylbenzene	52.1		"	50.0		104	81-127		15.7	30	
Methyl acetate	57.8		"	50.0		116	41-143		1.08	30	
Methyl Methacrylate	49.1		"	50.0		98.2	79-125		4.83	30	
Methyl tert-butyl ether (MTBE)	56.4		"	50.0		113	74-131		0.838	30	
Methylcyclohexane	39.4		"	50.0		78.7	70-130		0.178	30	
Methylene chloride	59.8		"	50.0		120	57-141		0.284	30	
Naphthalene	40.1		"	50.0		80.2	86-141	Low Bias	7.58	30	
n-Butylbenzene	42.6		"	50.0		85.2	80-130		1.28	30	
n-Propylbenzene	50.2		"	50.0		100	74-136		15.5	30	
o-Xylene	46.4		"	50.0		92.8	83-123		1.85	30	
p- & m- Xylenes	91.5		"	100		91.5	82-128		1.05	30	
p-Diethylbenzene	44.9		"	50.0		89.8	70-144		4.32	30	
p-Ethyltoluene	54.3		"	50.0		109	84-123		16.6	30	
p-Isopropyltoluene	50.1		"	50.0		100	85-125		13.8	30	
sec-Butylbenzene	49.8		"	50.0		99.7	83-125		16.5	30	
Styrene	48.0		"	50.0		96.1	86-126		1.16	30	
tert-Amyl alcohol (TAA)	684		"	500		137	70-130	High Bias	0.925	30	
tert-Amyl methyl ether (TAME)	57.6		"	50.0		115	70-130		0.383	30	
tert-Butyl alcohol (TBA)	188		"	250		75.4	70-130		2.67	30	
tert-Butylbenzene	53.0		"	50.0		106	80-127		18.9	30	
Tetrachloroethylene	38.9		"	50.0		77.9	80-129	Low Bias	1.35	30	
Tetrahydrofuran	64.6		"	50.0		129	64-137		54.5	30	Non-dir.
Toluene	44.5		"	50.0		89.0	85-121		2.57	30	
trans-1,2-Dichloroethylene	47.9		"	50.0		95.9	72-132		0.167	30	
trans-1,3-Dichloropropylene	47.6		"	50.0		95.1	78-132		1.67	30	
trans-1,4-dichloro-2-butene	60.4		"	50.0		121	75-135		14.4	30	
Trichloroethylene	44.6		"	50.0		89.1	84-123		2.48	30	
Trichlorofluoromethane	45.8		"	50.0		91.5	62-140		2.27	30	
Vinyl acetate	78.2		"	50.0		156	67-136	High Bias	0.497	30	
Vinyl Chloride	33.4		"	50.0		66.9	52-130		2.36	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*59.1*		*"*	*50.0*		*118*	*77-125*				
Surrogate: SURR: Toluene-d8	*45.3*		*"*	*50.0*		*90.6*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*55.1*		*"*	*50.0*		*110*	*76-130*				

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 BL21145 - % Solids Prep											
Duplicate (BL21145-DUP1)	*Source sample: 22L0939-01 (Duplicate)								Prepared & Analyzed: 12/20/2022		
% Solids	84.1	0.100	%		84.9				0.917	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
22L0807-01	HF Q2 North EP	40mL Vial with Stir Bar-Cool 4° C
22L0807-02	HF Q2 East EP	40mL Vial with Stir Bar-Cool 4° C
22L0807-03	HF Q2 South EP	40mL Vial with Stir Bar-Cool 4° C
22L0807-04	HF Q2 West EP	40mL Vial with Stir Bar-Cool 4° C
22L0807-05	HF Q2 Bottom EP	40mL Vial with Stir Bar-Cool 4° C

Sample and Data Qualifiers Relating to This Work Order

QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Corrective Action: For all samples no methanol vials was recieved, only stir bars.

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. 2210807

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | clientservices@yorklab.com | www.yorklab.com | 800-306-YORK | 800-306-9675

YOUR Information	Report To:	Invoice To:
Company: Laurel Environmental Group	Company:	Company:
Address: 53 West Hills Road Huntington Station, NY 11746	Address: SOH	Address: Kathy
Phone: (631) 673-0612	Phone:	Phone:
Contact: Scott Yanuck	Contact:	Contact:
E-mail: lab results @ laurelenv.com	E-mail:	E-mail:

YOUR Project Number: 19-401

YOUR Project Name: 2709 40th Avenue, Long Island City

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- Standard (5-7 Day) [X]

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

Nicholas Riders

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 [X]
- New Jersey
- Connecticut
- Pennsylvania
- Other:

Report / EDD Type (circle selections)

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

YORK Reg. Comp.

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

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
HF Q2 North EP	S	12/13/22 850	USEPA 8260 TCL	(4) 40mL
HF Q2 East EP	S	855		
HF Q2 South EP	S	855		
HF Q2 West EP	S	850		
HF Q2 Bottom EP	S	900		

Comments:

Preservation: (check all that apply)

HCl ___ MeOH ✓ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other: di water

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

Special Instruction

- Field Filtered
- Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
[signature]	12/14/22 1100	[signature]	12/14/22 1030 AM	[signature]	12/14/22 1800
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
3. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				[signature]	12-14-22 1800 3.4 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: 12/29/2022
Client Project ID: 27-09 40th Avenue, Long Island City 19-401
York Project (SDG) No.: 22L1321

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

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: 12/29/2022
Client Project ID: 27-09 40th Avenue, Long Island City 19-401
York Project (SDG) No.: 22L1321

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 December 23, 2022 and listed below. The project was identified as your project: **27-09 40th Avenue, Long Island City 19-401**.

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
22L1321-01	PCE-Q2 EP SW-W	Soil	12/23/2022	12/23/2022
22L1321-02	PCE-Q2 EP B2	Soil	12/23/2022	12/23/2022
22L1321-03	PCE-Q2 EP B1	Soil	12/23/2022	12/23/2022
22L1321-04	PCE-Q2 EP SW-N1	Soil	12/23/2022	12/23/2022
22L1321-05	PCE-Q2 EP SW-N2	Soil	12/23/2022	12/23/2022
22L1321-06	PCE-Q2 EP SW-S	Soil	12/23/2022	12/23/2022

General Notes for York Project (SDG) No.: 22L1321

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

Approved By:  **Date:** 12/29/2022

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: PCE-Q2 EP SW-W

York Sample ID: 22L1321-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1321	27-09 40th Avenue, Long Island City 19-401	Soil	December 23, 2022 7:35 am	12/23/2022

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	2.6	5.2	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:33 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:33 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:33 NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:33	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:33 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:33 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC

Sample Information

Client Sample ID: PCE-Q2 EP SW-W

York Sample ID: 22L1321-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1321	27-09 40th Avenue, Long Island City 19-401	Soil	December 23, 2022 7:35 am	12/23/2022

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
123-91-1	1,4-Dioxane	ND		ug/kg dry	52	100	1	EPA 8260C Certifications:	12/27/2022 10:48 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/27/2022 12:33	BMC
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	12/27/2022 10:48 NELAC-NY10854,NELAC-NY12058,NJDEP	12/27/2022 12:33	BMC
78-93-3	2-Butanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	12/27/2022 10:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/27/2022 12:33	BMC
110-75-8	2-Chloroethylvinyl ether	ND		ug/kg dry	10	21	1	EPA 8260C Certifications:	12/27/2022 10:48 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/27/2022 12:33	BMC
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	12/27/2022 10:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/27/2022 12:33	BMC
591-78-6	2-Hexanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	12/27/2022 10:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/27/2022 12:33	BMC
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	12/27/2022 10:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/27/2022 12:33	BMC
108-10-1	4-Methyl-2-pentanone	ND	QL-02	ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	12/27/2022 10:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/27/2022 12:33	BMC
67-64-1	**Acetone**	**20**	CCVE, ICVE	ug/kg dry	5.2	10	1	EPA 8260C Certifications:	12/27/2022 10:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	12/27/2022 12:33	BMC
107-02-8	Acrolein	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications:	12/27/2022 10:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/27/2022 12:33	BMC
107-13-1	Acrylonitrile	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	12/27/2022 10:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/27/2022 12:33	BMC
71-43-2	Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	12/27/2022 10:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/27/2022 12:33	BMC
108-86-1	Bromobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	12/27/2022 10:48 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/27/2022 12:33	BMC
74-97-5	Bromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	12/27/2022 10:48 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/27/2022 12:33	BMC
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	12/27/2022 10:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/27/2022 12:33	BMC
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	12/27/2022 10:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/27/2022 12:33	BMC
74-83-9	Bromomethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	12/27/2022 10:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/27/2022 12:33	BMC
75-15-0	Carbon disulfide	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	12/27/2022 10:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/27/2022 12:33	BMC
56-23-5	Carbon tetrachloride	ND	CAL-E	ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	12/27/2022 10:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/27/2022 12:33	BMC
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	12/27/2022 10:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/27/2022 12:33	BMC
75-00-3	Chloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	12/27/2022 10:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/27/2022 12:33	BMC
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	12/27/2022 10:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/27/2022 12:33	BMC
74-87-3	Chloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	12/27/2022 10:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/27/2022 12:33	BMC

Sample Information

Client Sample ID: PCE-Q2 EP SW-W

York Sample ID: 22L1321-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1321	27-09 40th Avenue, Long Island City 19-401	Soil	December 23, 2022 7:35 am	12/23/2022

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
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
110-82-7	Cyclohexane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:33 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:33 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
74-95-3	Dibromomethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:33 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:33 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-20-3	* Diisopropyl ether (DIPE)	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:33	BMC
64-17-5	* Ethanol	ND		ug/kg dry	42	84	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:33	BMC
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:33	BMC
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:33 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
74-88-4	* Iodomethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:33	BMC
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
79-20-9	Methyl acetate	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:33 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
80-62-6	Methyl Methacrylate	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:33 NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:33 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-09-2	Methylene chloride	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
91-20-3	Naphthalene	ND		ug/kg dry	2.6	10	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:33 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	BMC
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	BMC

Sample Information

Client Sample ID: PCE-Q2 EP SW-W

York Sample ID: 22L1321-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1321	27-09 40th Avenue, Long Island City 19-401	Soil	December 23, 2022 7:35 am	12/23/2022

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
105-05-5	* p-Diethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:33	BMC
622-96-8	* p-Ethyltoluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:33	BMC
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
100-42-5	Styrene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
75-85-4	* tert-Amyl alcohol (TAA)	ND		ug/kg dry	42	84	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:33	BMC
994-05-8	* tert-Amyl methyl ether (TAME)	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:33	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	12/27/2022 10:48 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/27/2022 12:33	BMC
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	12/27/2022 10:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/27/2022 12:33	BMC
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	12/27/2022 10:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/27/2022 12:33	BMC
109-99-9	* Tetrahydrofuran	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:33	BMC
108-88-3	Toluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	12/27/2022 10:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/27/2022 12:33	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	12/27/2022 10:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/27/2022 12:33	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	12/27/2022 10:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/27/2022 12:33	BMC
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	12/27/2022 10:48 CTDOH-PH-0723	12/27/2022 12:33	BMC
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	12/27/2022 10:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/27/2022 12:33	BMC
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	12/27/2022 10:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/27/2022 12:33	BMC
108-05-4	Vinyl acetate	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	12/27/2022 10:48 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/27/2022 12:33	BMC
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	12/27/2022 10:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/27/2022 12:33	BMC
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications:	12/27/2022 10:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	12/27/2022 12:33	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*108 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*113 %*	*76-130*

Sample Information

Client Sample ID: PCE-Q2 EP SW-W **York Sample ID:** 22L1321-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1321	27-09 40th Avenue, Long Island City 19-401	Soil	December 23, 2022 7:35 am	12/23/2022

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	12/29/2022 14:01	12/29/2022 15:23	YR
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PCE-Q2 EP B2 **York Sample ID:** 22L1321-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1321	27-09 40th Avenue, Long Island City 19-401	Soil	December 23, 2022 7:35 am	12/23/2022

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	4.5	1	EPA 8260C	12/27/2022 10:48	12/27/2022 12:59	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	12/27/2022 10:48	12/27/2022 12:59	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	12/27/2022 10:48	12/27/2022 12:59	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	12/27/2022 10:48	12/27/2022 12:59	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	12/27/2022 10:48	12/27/2022 12:59	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	12/27/2022 10:48	12/27/2022 12:59	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	12/27/2022 10:48	12/27/2022 12:59	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	12/27/2022 10:48	12/27/2022 12:59	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	12/27/2022 10:48	12/27/2022 12:59	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	12/27/2022 10:48	12/27/2022 12:59	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP			
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	12/27/2022 10:48	12/27/2022 12:59	BMC
								Certifications:			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	12/27/2022 10:48	12/27/2022 12:59	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	12/27/2022 10:48	12/27/2022 12:59	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	12/27/2022 10:48	12/27/2022 12:59	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			

Sample Information

Client Sample ID: PCE-Q2 EP B2 **York Sample ID:** 22L1321-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1321	27-09 40th Avenue, Long Island City 19-401	Soil	December 23, 2022 7:35 am	12/23/2022

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
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:59	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:59	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:59	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:59	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:59	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:59	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:59	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:59	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		ug/kg dry	45	90	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:59	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:59	BMC NELAC-NY10854,NELAC-NY12058,NJDEP
78-93-3	2-Butanone	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:59	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-75-8	2-Chloroethylvinyl ether	ND		ug/kg dry	9.0	18	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:59	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:59	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
591-78-6	2-Hexanone	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:59	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:59	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-10-1	4-Methyl-2-pentanone	ND	QL-02	ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:59	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	Acetone	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:59	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-02-8	Acrolein	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:59	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:59	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:59	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-86-1	Bromobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:59	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:59	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:59	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: PCE-Q2 EP B2 **York Sample ID:** 22L1321-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1321	27-09 40th Avenue, Long Island City 19-401	Soil	December 23, 2022 7:35 am	12/23/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-25-2	Bromoform	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:59	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:59	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:59	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND	CAL-E	ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:59	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:59	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:59	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:59	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:59	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:59	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:59	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-82-7	Cyclohexane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:59	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:59	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:59	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:59	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-20-3	* Diisopropyl ether (DIPE)	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:59	BMC
64-17-5	* Ethanol	ND		ug/kg dry	36	72	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:59	BMC
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:59	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:59	BMC
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:59	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-88-4	* Iodomethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:59	BMC
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:59	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-20-9	Methyl acetate	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:59	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
80-62-6	Methyl Methacrylate	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:59	BMC NELAC-NY10854,NELAC-NY12058,NJDEP

Sample Information

Client Sample ID: PCE-Q2 EP B2 **York Sample ID:** 22L1321-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1321	27-09 40th Avenue, Long Island City 19-401	Soil	December 23, 2022 7:35 am	12/23/2022

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
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:59 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-09-2	Methylene chloride	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
91-20-3	Naphthalene	ND		ug/kg dry	2.2	9.0	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:59 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
95-47-6	o-Xylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	BMC
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	BMC
105-05-5	* p-Diethylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:59	BMC
622-96-8	* p-Ethyltoluene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:59	BMC
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
100-42-5	Styrene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
75-85-4	* tert-Amyl alcohol (TAA)	ND		ug/kg dry	36	72	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:59	BMC
994-05-8	* tert-Amyl methyl ether (TAME)	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:59	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:59 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
127-18-4	**Tetrachloroethylene**	**2.2**	J	ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	BMC
109-99-9	* Tetrahydrofuran	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:59	BMC
108-88-3	Toluene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 12:59 CTDOH-PH-0723	BMC

Sample Information

Client Sample ID: PCE-Q2 EP B2 **York Sample ID:** 22L1321-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1321	27-09 40th Avenue, Long Island City 19-401	Soil	December 23, 2022 7:35 am	12/23/2022

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
79-01-6	Trichloroethylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	12/27/2022 10:48	12/27/2022 12:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	12/27/2022 10:48	12/27/2022 12:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-05-4	Vinyl acetate	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	12/27/2022 10:48	12/27/2022 12:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	12/27/2022 10:48	12/27/2022 12:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.7	13	1	EPA 8260C	12/27/2022 10:48	12/27/2022 12:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*107 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.1 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*113 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**87.1**		%	0.100	1	SM 2540G	12/29/2022 14:01	12/29/2022 15:23	YR
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: PCE-Q2 EP B1 **York Sample ID:** 22L1321-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1321	27-09 40th Avenue, Long Island City 19-401	Soil	December 23, 2022 7:40 am	12/23/2022

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	3.5	6.9	1	EPA 8260C	12/27/2022 10:48	12/27/2022 13:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.5	6.9	1	EPA 8260C	12/27/2022 10:48	12/27/2022 13:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.5	6.9	1	EPA 8260C	12/27/2022 10:48	12/27/2022 13:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: PCE-Q2 EP B1 **York Sample ID:** 22L1321-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1321	27-09 40th Avenue, Long Island City 19-401	Soil	December 23, 2022 7:40 am	12/23/2022

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
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:25 NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:25	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
123-91-1	1,4-Dioxane	ND		ug/kg dry	69	140	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:25 NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
78-93-3	2-Butanone	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
110-75-8	2-Chloroethylvinyl ether	ND		ug/kg dry	14	28	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC

Sample Information

Client Sample ID: PCE-Q2 EP B1 **York Sample ID:** 22L1321-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1321	27-09 40th Avenue, Long Island City 19-401	Soil	December 23, 2022 7:40 am	12/23/2022

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
95-49-8	2-Chlorotoluene	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:25	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
591-78-6	2-Hexanone	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:25	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-43-4	4-Chlorotoluene	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:25	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-10-1	4-Methyl-2-pentanone	ND	QL-02	ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:25	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	Acetone	ND		ug/kg dry	6.9	14	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:25	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-02-8	Acrolein	ND		ug/kg dry	6.9	14	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:25	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:25	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:25	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-86-1	Bromobenzene	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:25	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:25	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:25	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:25	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:25	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:25	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND	CAL-E	ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:25	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:25	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:25	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:25	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:25	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:25	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:25	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-82-7	Cyclohexane	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:25	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:25	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: PCE-Q2 EP B1 **York Sample ID:** 22L1321-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1321	27-09 40th Avenue, Long Island City 19-401	Soil	December 23, 2022 7:40 am	12/23/2022

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
74-95-3	Dibromomethane	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	12/27/2022 10:48 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/27/2022 13:25	BMC
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	12/27/2022 10:48 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/27/2022 13:25	BMC
108-20-3	* Diisopropyl ether (DIPE)	ND		ug/kg dry	5.6	11	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:25	BMC
64-17-5	* Ethanol	ND		ug/kg dry	56	110	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:25	BMC
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	12/27/2022 10:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/27/2022 13:25	BMC
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		ug/kg dry	5.6	11	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:25	BMC
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	12/27/2022 10:48 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/27/2022 13:25	BMC
74-88-4	* Iodomethane	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:25	BMC
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	12/27/2022 10:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/27/2022 13:25	BMC
79-20-9	Methyl acetate	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	12/27/2022 10:48 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/27/2022 13:25	BMC
80-62-6	Methyl Methacrylate	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	12/27/2022 10:48 NELAC-NY10854,NELAC-NY12058,NJDEP	12/27/2022 13:25	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	12/27/2022 10:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/27/2022 13:25	BMC
108-87-2	Methylcyclohexane	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	12/27/2022 10:48 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/27/2022 13:25	BMC
75-09-2	Methylene chloride	ND		ug/kg dry	6.9	14	1	EPA 8260C Certifications:	12/27/2022 10:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/27/2022 13:25	BMC
91-20-3	Naphthalene	ND		ug/kg dry	3.5	14	1	EPA 8260C Certifications:	12/27/2022 10:48 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/27/2022 13:25	BMC
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	12/27/2022 10:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/27/2022 13:25	BMC
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	12/27/2022 10:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/27/2022 13:25	BMC
95-47-6	o-Xylene	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	12/27/2022 10:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	12/27/2022 13:25	BMC
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.9	14	1	EPA 8260C Certifications:	12/27/2022 10:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	12/27/2022 13:25	BMC
105-05-5	* p-Diethylbenzene	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:25	BMC
622-96-8	* p-Ethyltoluene	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:25	BMC
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	12/27/2022 10:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/27/2022 13:25	BMC
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	12/27/2022 10:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/27/2022 13:25	BMC

Sample Information

Client Sample ID: PCE-Q2 EP B1 **York Sample ID:** 22L1321-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1321	27-09 40th Avenue, Long Island City 19-401	Soil	December 23, 2022 7:40 am	12/23/2022

VOA, 8260 MASTER

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
75-85-4	* tert-Amyl alcohol (TAA)	ND		ug/kg dry	56	110	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:25	BMC
994-05-8	* tert-Amyl methyl ether (TAME)	ND		ug/kg dry	5.6	11	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:25	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
127-18-4	**Tetrachloroethylene**	**8.5**		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	BMC
109-99-9	* Tetrahydrofuran	ND		ug/kg dry	6.9	14	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:25	BMC
108-88-3	Toluene	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:25 CTDOH-PH-0723	BMC
79-01-6	Trichloroethylene	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
108-05-4	Vinyl acetate	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
1330-20-7	Xylenes, Total	ND		ug/kg dry	10	21	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*110 %*	*76-130*

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.9**		%	0.100	1	SM 2540G Certifications:	12/29/2022 14:01 CTDOH-PH-0723	12/29/2022 15:23	YR

Sample Information

Client Sample ID: PCE-Q2 EP B1 **York Sample ID:** 22L1321-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1321	27-09 40th Avenue, Long Island City 19-401	Soil	December 23, 2022 7:40 am	12/23/2022

Sample Information

Client Sample ID: PCE-Q2 EP SW-N1 **York Sample ID:** 22L1321-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1321	27-09 40th Avenue, Long Island City 19-401	Soil	December 23, 2022 7:45 am	12/23/2022

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	2.8	5.6	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51 NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC

Sample Information

Client Sample ID: PCE-Q2 EP SW-N1 **York Sample ID:** 22L1321-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1321	27-09 40th Avenue, Long Island City 19-401	Soil	December 23, 2022 7:45 am	12/23/2022

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
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
123-91-1	1,4-Dioxane	ND		ug/kg dry	56	110	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51 NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
78-93-3	2-Butanone	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
110-75-8	2-Chloroethylvinyl ether	ND		ug/kg dry	11	22	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
591-78-6	2-Hexanone	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
108-10-1	4-Methyl-2-pentanone	ND	QL-02	ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
67-64-1	**Acetone**	**110**	CCVE, ICVE	ug/kg dry	5.6	11	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	BMC
107-02-8	Acrolein	ND		ug/kg dry	5.6	11	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
107-13-1	Acrylonitrile	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
71-43-2	Benzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
108-86-1	Bromobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
74-97-5	Bromochloromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
75-25-2	Bromoform	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
74-83-9	Bromomethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
75-15-0	Carbon disulfide	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
56-23-5	Carbon tetrachloride	ND	CAL-E	ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC

Sample Information

Client Sample ID: PCE-Q2 EP SW-N1 **York Sample ID:** 22L1321-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1321	27-09 40th Avenue, Long Island City 19-401	Soil	December 23, 2022 7:45 am	12/23/2022

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
108-90-7	Chlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
75-00-3	Chloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
67-66-3	Chloroform	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
74-87-3	Chloromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
110-82-7	Cyclohexane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
74-95-3	Dibromomethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-20-3	* Diisopropyl ether (DIPE)	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51	BMC
64-17-5	* Ethanol	ND		ug/kg dry	45	90	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51	BMC
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51	BMC
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
74-88-4	* Iodomethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51	BMC
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
79-20-9	Methyl acetate	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
80-62-6	Methyl Methacrylate	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51 NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-09-2	Methylene chloride	ND		ug/kg dry	5.6	11	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
91-20-3	Naphthalene	ND		ug/kg dry	2.8	11	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC

Sample Information

Client Sample ID: PCE-Q2 EP SW-N1 **York Sample ID:** 22L1321-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1321	27-09 40th Avenue, Long Island City 19-401	Soil	December 23, 2022 7:45 am	12/23/2022

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
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
95-47-6	o-Xylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	BMC
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.6	11	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	BMC
105-05-5	* p-Diethylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51	BMC
622-96-8	* p-Ethyltoluene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51	BMC
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
100-42-5	Styrene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
75-85-4	* tert-Amyl alcohol (TAA)	ND		ug/kg dry	45	90	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51	BMC
994-05-8	* tert-Amyl methyl ether (TAME)	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
109-99-9	* Tetrahydrofuran	ND		ug/kg dry	5.6	11	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51	BMC
108-88-3	Toluene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51 CTDOH-PH-0723	BMC
79-01-6	Trichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
108-05-4	Vinyl acetate	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 13:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC

Sample Information

Client Sample ID: PCE-Q2 EP SW-N1 **York Sample ID:** 22L1321-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1321	27-09 40th Avenue, Long Island City 19-401	Soil	December 23, 2022 7:45 am	12/23/2022

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
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.4	17	1	EPA 8260C	12/27/2022 10:48	12/27/2022 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*108 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.8 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*111 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.9**		%	0.100	1	SM 2540G	12/29/2022 14:01	12/29/2022 15:23	YR
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: PCE-Q2 EP SW-N2 **York Sample ID:** 22L1321-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1321	27-09 40th Avenue, Long Island City 19-401	Soil	December 23, 2022 7:45 am	12/23/2022

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	2.8	5.5	1	EPA 8260C	12/27/2022 10:48	12/27/2022 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	12/27/2022 10:48	12/27/2022 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	12/27/2022 10:48	12/27/2022 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	12/27/2022 10:48	12/27/2022 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	12/27/2022 10:48	12/27/2022 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	12/27/2022 10:48	12/27/2022 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	12/27/2022 10:48	12/27/2022 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: PCE-Q2 EP SW-N2 **York Sample ID:** 22L1321-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1321	27-09 40th Avenue, Long Island City 19-401	Soil	December 23, 2022 7:45 am	12/23/2022

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
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:17 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:17 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:17 NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:17	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:17 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:17 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
123-91-1	1,4-Dioxane	ND		ug/kg dry	55	110	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:17 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:17 NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
78-93-3	2-Butanone	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
110-75-8	2-Chloroethylvinyl ether	ND		ug/kg dry	11	22	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:17 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
591-78-6	2-Hexanone	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
108-10-1	4-Methyl-2-pentanone	ND	QL-02	ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC

Sample Information

Client Sample ID: PCE-Q2 EP SW-N2 **York Sample ID:** 22L1321-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1321	27-09 40th Avenue, Long Island City 19-401	Soil	December 23, 2022 7:45 am	12/23/2022

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
67-64-1	**Acetone**	**74**	CCVE, ICVE	ug/kg dry	5.5	11	1	EPA 8260C	12/27/2022 10:48	12/27/2022 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
107-02-8	Acrolein	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/27/2022 10:48	12/27/2022 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-13-1	Acrylonitrile	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	12/27/2022 10:48	12/27/2022 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-43-2	Benzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	12/27/2022 10:48	12/27/2022 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-86-1	Bromobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	12/27/2022 10:48	12/27/2022 14:17	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	12/27/2022 10:48	12/27/2022 14:17	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	12/27/2022 10:48	12/27/2022 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-25-2	Bromoform	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	12/27/2022 10:48	12/27/2022 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-83-9	Bromomethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	12/27/2022 10:48	12/27/2022 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-15-0	Carbon disulfide	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	12/27/2022 10:48	12/27/2022 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
56-23-5	Carbon tetrachloride	ND	CAL-E	ug/kg dry	2.8	5.5	1	EPA 8260C	12/27/2022 10:48	12/27/2022 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-90-7	Chlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	12/27/2022 10:48	12/27/2022 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-00-3	Chloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	12/27/2022 10:48	12/27/2022 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-66-3	Chloroform	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	12/27/2022 10:48	12/27/2022 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-87-3	Chloromethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	12/27/2022 10:48	12/27/2022 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	12/27/2022 10:48	12/27/2022 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	12/27/2022 10:48	12/27/2022 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
110-82-7	Cyclohexane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	12/27/2022 10:48	12/27/2022 14:17	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	12/27/2022 10:48	12/27/2022 14:17	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	12/27/2022 10:48	12/27/2022 14:17	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	12/27/2022 10:48	12/27/2022 14:17	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-20-3	* Diisopropyl ether (DIPE)	ND		ug/kg dry	4.4	8.9	1	EPA 8260C	12/27/2022 10:48	12/27/2022 14:17	BMC
								Certifications:			
64-17-5	* Ethanol	ND		ug/kg dry	44	89	1	EPA 8260C	12/27/2022 10:48	12/27/2022 14:17	BMC
								Certifications:			

Sample Information

Client Sample ID: PCE-Q2 EP SW-N2 **York Sample ID:** 22L1321-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1321	27-09 40th Avenue, Long Island City 19-401	Soil	December 23, 2022 7:45 am	12/23/2022

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:17	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		ug/kg dry	4.4	8.9	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:17	BMC
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:17	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-88-4	* Iodomethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:17	BMC
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:17	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-20-9	Methyl acetate	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:17	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
80-62-6	Methyl Methacrylate	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:17	BMC NELAC-NY10854,NELAC-NY12058,NJDEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:17	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:17	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	Methylene chloride	ND		ug/kg dry	5.5	11	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:17	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
91-20-3	Naphthalene	ND		ug/kg dry	2.8	11	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:17	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:17	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:17	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-47-6	o-Xylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:17	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.5	11	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:17	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
105-05-5	* p-Diethylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:17	BMC
622-96-8	* p-Ethyltoluene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:17	BMC
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:17	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:17	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-42-5	Styrene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:17	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-85-4	* tert-Amyl alcohol (TAA)	ND		ug/kg dry	44	89	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:17	BMC
994-05-8	* tert-Amyl methyl ether (TAME)	ND		ug/kg dry	4.4	8.9	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:17	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:17	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: PCE-Q2 EP SW-N2 **York Sample ID:** 22L1321-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1321	27-09 40th Avenue, Long Island City 19-401	Soil	December 23, 2022 7:45 am	12/23/2022

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
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	12/27/2022 10:48	12/27/2022 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
127-18-4	**Tetrachloroethylene**	**4.7**	J	ug/kg dry	2.8	5.5	1	EPA 8260C	12/27/2022 10:48	12/27/2022 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
109-99-9	* Tetrahydrofuran	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/27/2022 10:48	12/27/2022 14:17	BMC
								Certifications:			
108-88-3	Toluene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	12/27/2022 10:48	12/27/2022 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	12/27/2022 10:48	12/27/2022 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	12/27/2022 10:48	12/27/2022 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	12/27/2022 10:48	12/27/2022 14:17	BMC
								Certifications:	CTDOH-PH-0723		
79-01-6	Trichloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	12/27/2022 10:48	12/27/2022 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	12/27/2022 10:48	12/27/2022 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-05-4	Vinyl acetate	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	12/27/2022 10:48	12/27/2022 14:17	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	12/27/2022 10:48	12/27/2022 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.3	17	1	EPA 8260C	12/27/2022 10:48	12/27/2022 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*110 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.2 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*111 %*	*76-130*

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**96.3**		%	0.100	1	SM 2540G	12/29/2022 14:01	12/29/2022 15:23	YR
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: PCE-Q2 EP SW-S

York Sample ID: 22L1321-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1321	27-09 40th Avenue, Long Island City 19-401	Soil	December 23, 2022 7:50 am	12/23/2022

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	3.1	6.1	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:43	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:43	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:43	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:43	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:43	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:43	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:43	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:43	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:43	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:43	BMC NELAC-NY10854,NELAC-NY12058,NJDEP
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:43	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:43	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:43	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:43	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:43	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:43	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:43	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:43	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:43	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:43	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:43	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:43	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		ug/kg dry	61	120	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:43	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: PCE-Q2 EP SW-S

York Sample ID: 22L1321-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1321	27-09 40th Avenue, Long Island City 19-401	Soil	December 23, 2022 7:50 am	12/23/2022

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	3.1	6.1	1	EPA 8260C Certifications:	12/27/2022 10:48 NELAC-NY10854,NELAC-NY12058,NJDEP	12/27/2022 14:43	BMC
78-93-3	2-Butanone	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	12/27/2022 10:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/27/2022 14:43	BMC
110-75-8	2-Chloroethylvinyl ether	ND		ug/kg dry	12	25	1	EPA 8260C Certifications:	12/27/2022 10:48 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/27/2022 14:43	BMC
95-49-8	2-Chlorotoluene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	12/27/2022 10:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/27/2022 14:43	BMC
591-78-6	2-Hexanone	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	12/27/2022 10:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/27/2022 14:43	BMC
106-43-4	4-Chlorotoluene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	12/27/2022 10:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/27/2022 14:43	BMC
108-10-1	4-Methyl-2-pentanone	ND	QL-02	ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	12/27/2022 10:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/27/2022 14:43	BMC
67-64-1	Acetone	ND		ug/kg dry	6.1	12	1	EPA 8260C Certifications:	12/27/2022 10:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/27/2022 14:43	BMC
107-02-8	Acrolein	ND		ug/kg dry	6.1	12	1	EPA 8260C Certifications:	12/27/2022 10:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/27/2022 14:43	BMC
107-13-1	Acrylonitrile	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	12/27/2022 10:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/27/2022 14:43	BMC
71-43-2	Benzene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	12/27/2022 10:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/27/2022 14:43	BMC
108-86-1	Bromobenzene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	12/27/2022 10:48 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/27/2022 14:43	BMC
74-97-5	Bromochloromethane	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	12/27/2022 10:48 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/27/2022 14:43	BMC
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	12/27/2022 10:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/27/2022 14:43	BMC
75-25-2	Bromoform	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	12/27/2022 10:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/27/2022 14:43	BMC
74-83-9	Bromomethane	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	12/27/2022 10:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/27/2022 14:43	BMC
75-15-0	Carbon disulfide	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	12/27/2022 10:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/27/2022 14:43	BMC
56-23-5	Carbon tetrachloride	ND	CAL-E	ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	12/27/2022 10:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/27/2022 14:43	BMC
108-90-7	Chlorobenzene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	12/27/2022 10:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/27/2022 14:43	BMC
75-00-3	Chloroethane	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	12/27/2022 10:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/27/2022 14:43	BMC
67-66-3	Chloroform	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	12/27/2022 10:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/27/2022 14:43	BMC
74-87-3	Chloromethane	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	12/27/2022 10:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/27/2022 14:43	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	12/27/2022 10:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/27/2022 14:43	BMC

Sample Information

Client Sample ID: PCE-Q2 EP SW-S

York Sample ID: 22L1321-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1321	27-09 40th Avenue, Long Island City 19-401	Soil	December 23, 2022 7:50 am	12/23/2022

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	3.1	6.1	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:43 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
110-82-7	Cyclohexane	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:43 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:43 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
74-95-3	Dibromomethane	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:43 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:43 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-20-3	* Diisopropyl ether (DIPE)	ND		ug/kg dry	4.9	9.8	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:43	BMC
64-17-5	* Ethanol	ND		ug/kg dry	49	98	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:43	BMC
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:43 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		ug/kg dry	4.9	9.8	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:43	BMC
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:43 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
74-88-4	* Iodomethane	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:43	BMC
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:43 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
79-20-9	Methyl acetate	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:43 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
80-62-6	Methyl Methacrylate	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:43 NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:43 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
108-87-2	Methylcyclohexane	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:43 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-09-2	Methylene chloride	ND		ug/kg dry	6.1	12	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:43 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
91-20-3	Naphthalene	ND		ug/kg dry	3.1	12	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:43 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:43 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:43 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
95-47-6	o-Xylene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:43 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	BMC
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.1	12	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:43 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	BMC
105-05-5	* p-Diethylbenzene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:43	BMC

Sample Information

Client Sample ID: PCE-Q2 EP SW-S

York Sample ID: 22L1321-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1321	27-09 40th Avenue, Long Island City 19-401	Soil	December 23, 2022 7:50 am	12/23/2022

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	3.1	6.1	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:43	BMC
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:43 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:43 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
100-42-5	Styrene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:43 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
75-85-4	* tert-Amyl alcohol (TAA)	ND		ug/kg dry	49	98	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:43	BMC
994-05-8	* tert-Amyl methyl ether (TAME)	ND		ug/kg dry	4.9	9.8	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:43	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	12/27/2022 10:48 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/27/2022 14:43	BMC
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	12/27/2022 10:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/27/2022 14:43	BMC
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	12/27/2022 10:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/27/2022 14:43	BMC
109-99-9	* Tetrahydrofuran	ND		ug/kg dry	6.1	12	1	EPA 8260C Certifications:	12/27/2022 10:48	12/27/2022 14:43	BMC
108-88-3	Toluene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	12/27/2022 10:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/27/2022 14:43	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	12/27/2022 10:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/27/2022 14:43	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	12/27/2022 10:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/27/2022 14:43	BMC
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	12/27/2022 10:48 CTDOH-PH-0723	12/27/2022 14:43	BMC
79-01-6	Trichloroethylene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	12/27/2022 10:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/27/2022 14:43	BMC
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	12/27/2022 10:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/27/2022 14:43	BMC
108-05-4	Vinyl acetate	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	12/27/2022 10:48 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/27/2022 14:43	BMC
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	12/27/2022 10:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/27/2022 14:43	BMC
1330-20-7	Xylenes, Total	ND		ug/kg dry	9.2	18	1	EPA 8260C Certifications:	12/27/2022 10:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	12/27/2022 14:43	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*109 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.4 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*110 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: **PCE-Q2 EP SW-S** **York Sample ID:** **22L1321-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1321	27-09 40th Avenue, Long Island City 19-401	Soil	December 23, 2022 7:50 am	12/23/2022

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**78.9**		%	0.100	1	SM 2540G	12/29/2022 14:01	12/29/2022 15:23	YR
							Certifications: CTDOH-PH-0723			

Analytical Batch Summary

Batch ID: BL21328 **Preparation Method:** EPA 5035A **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
22L1321-01	PCE-Q2 EP SW-W	12/27/22
22L1321-02	PCE-Q2 EP B2	12/27/22
22L1321-03	PCE-Q2 EP B1	12/27/22
22L1321-04	PCE-Q2 EP SW-N1	12/27/22
22L1321-05	PCE-Q2 EP SW-N2	12/27/22
22L1321-06	PCE-Q2 EP SW-S	12/27/22
BL21328-BLK1	Blank	12/27/22
BL21328-BS1	LCS	12/27/22
BL21328-BSD1	LCS Dup	12/27/22

Batch ID: BL21723 **Preparation Method:** % Solids Prep **Prepared By:** YR

YORK Sample ID	Client Sample ID	Preparation Date
22L1321-01	PCE-Q2 EP SW-W	12/29/22
22L1321-02	PCE-Q2 EP B2	12/29/22
22L1321-03	PCE-Q2 EP B1	12/29/22
22L1321-04	PCE-Q2 EP SW-N1	12/29/22
22L1321-05	PCE-Q2 EP SW-N2	12/29/22
22L1321-06	PCE-Q2 EP SW-S	12/29/22
BL21723-DUP1	Duplicate	12/29/22

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 BL21328 - EPA 5035A											
Blank (BL21328-BLK1)											Prepared & Analyzed: 12/27/2022
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	"								
1,4-Dioxane	ND	100	"								
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	"								

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 BL21328 - EPA 5035A											
Blank (BL21328-BLK1)											Prepared & Analyzed: 12/27/2022
Dibromomethane	ND	5.0	ug/kg wet								
Dichlorodifluoromethane	ND	5.0	"								
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	5.0	"								
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	*51.8*		*ug/L*	*50.0*		*104*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.5*		*"*	*50.0*		*101*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*57.2*		*"*	*50.0*		*114*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL21328 - EPA 5035A											
LCS (BL21328-BS1)							Prepared & Analyzed: 12/27/2022				
1,1,1,2-Tetrachloroethane	48.0		ug/L	50.0		96.1	75-129				
1,1,1-Trichloroethane	50.5		"	50.0		101	71-137				
1,1,2,2-Tetrachloroethane	46.1		"	50.0		92.3	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	48.4		"	50.0		96.8	58-146				
1,1,2-Trichloroethane	43.2		"	50.0		86.3	83-123				
1,1-Dichloroethane	47.5		"	50.0		95.0	75-130				
1,1-Dichloroethylene	50.5		"	50.0		101	64-137				
1,1-Dichloropropylene	47.9		"	50.0		95.8	77-127				
1,2,3-Trichlorobenzene	41.4		"	50.0		82.7	81-140				
1,2,3-Trichloropropane	42.9		"	50.0		85.7	81-126				
1,2,4,5-Tetramethylbenzene	44.6		"	50.0		89.1	63-156				
1,2,4-Trichlorobenzene	43.2		"	50.0		86.4	80-141				
1,2,4-Trimethylbenzene	44.6		"	50.0		89.1	84-125				
1,2-Dibromo-3-chloropropane	49.2		"	50.0		98.4	74-142				
1,2-Dibromoethane	45.6		"	50.0		91.2	86-123				
1,2-Dichlorobenzene	44.4		"	50.0		88.8	85-122				
1,2-Dichloroethane	48.9		"	50.0		97.8	71-133				
1,2-Dichloropropane	47.4		"	50.0		94.7	81-122				
1,3,5-Trimethylbenzene	45.8		"	50.0		91.6	82-126				
1,3-Dichlorobenzene	43.6		"	50.0		87.1	84-124				
1,3-Dichloropropane	45.2		"	50.0		90.5	83-123				
1,4-Dichlorobenzene	42.9		"	50.0		85.9	84-124				
1,4-Dioxane	1100		"	1050		105	10-228				
2,2-Dichloropropane	52.1		"	50.0		104	67-136				
2-Butanone	40.9		"	50.0		81.8	58-147				
2-Chloroethylvinyl ether	75.3		"	50.0		151	10-166				
2-Chlorotoluene	44.2		"	50.0		88.4	78-127				
2-Hexanone	46.0		"	50.0		91.9	70-139				
4-Chlorotoluene	46.6		"	50.0		93.2	79-125				
4-Methyl-2-pentanone	36.0		"	50.0		72.0	72-132				
Acetone	30.6		"	50.0		61.3	36-155				
Acrolein	31.6		"	50.0		63.3	10-238				
Acrylonitrile	48.6		"	50.0		97.1	66-141				
Benzene	49.5		"	50.0		99.0	77-127				
Bromobenzene	44.1		"	50.0		88.2	77-129				
Bromochloromethane	49.6		"	50.0		99.3	74-129				
Bromodichloromethane	47.7		"	50.0		95.4	81-124				
Bromoform	45.0		"	50.0		90.0	80-136				
Bromomethane	74.0		"	50.0		148	32-177				
Carbon disulfide	57.0		"	50.0		114	10-136				
Carbon tetrachloride	53.0		"	50.0		106	66-143				
Chlorobenzene	47.6		"	50.0		95.3	86-120				
Chloroethane	76.8		"	50.0		154	51-142	High Bias			
Chloroform	49.5		"	50.0		99.0	76-131				
Chloromethane	70.8		"	50.0		142	49-132	High Bias			
cis-1,2-Dichloroethylene	48.8		"	50.0		97.7	74-132				
cis-1,3-Dichloropropylene	47.5		"	50.0		94.9	81-129				
Cyclohexane	52.2		"	50.0		104	70-130				
Dibromochloromethane	43.0		"	50.0		85.9	10-200				
Dibromomethane	46.0		"	50.0		91.9	83-124				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL21328 - EPA 5035A											
LCS (BL21328-BS1)								Prepared & Analyzed: 12/27/2022			
Dichlorodifluoromethane	89.6		ug/L	50.0		179	28-158	High Bias			
Diisopropyl ether (DIPE)	49.1		"	50.0		98.3	70-130				
Ethanol	ND	80	ug/kg wet				70-130				
Ethyl Benzene	45.4		ug/L	50.0		90.8	84-125				
Ethyl tert-butyl ether (ETBE)	44.9		"	50.0		89.9	70-130				
Hexachlorobutadiene	42.1		"	50.0		84.2	83-133				
Iodomethane	52.0		"	50.0		104	70-130				
Isopropylbenzene	46.3		"	50.0		92.6	81-127				
Methyl acetate	46.8		"	50.0		93.6	41-143				
Methyl Methacrylate	45.2		"	50.0		90.5	79-125				
Methyl tert-butyl ether (MTBE)	46.8		"	50.0		93.5	74-131				
Methylcyclohexane	46.6		"	50.0		93.3	70-130				
Methylene chloride	49.3		"	50.0		98.6	57-141				
Naphthalene	43.6		"	50.0		87.2	86-141				
n-Butylbenzene	46.8		"	50.0		93.6	80-130				
n-Propylbenzene	46.1		"	50.0		92.2	74-136				
o-Xylene	45.7		"	50.0		91.4	83-123				
p- & m- Xylenes	95.9		"	100		95.9	82-128				
p-Diethylbenzene	46.3		"	50.0		92.7	70-144				
p-Ethyltoluene	46.8		"	50.0		93.6	84-123				
p-Isopropyltoluene	45.6		"	50.0		91.2	85-125				
sec-Butylbenzene	45.9		"	50.0		91.8	83-125				
Styrene	45.8		"	50.0		91.5	86-126				
tert-Amyl alcohol (TAA)	463		"	500		92.6	70-130				
tert-Amyl methyl ether (TAME)	45.6		"	50.0		91.2	70-130				
tert-Butyl alcohol (TBA)	246		"	250		98.5	70-130				
tert-Butylbenzene	38.4		"	50.0		76.8	80-127	Low Bias			
Tetrachloroethylene	41.1		"	50.0		82.1	80-129				
Tetrahydrofuran	53.2		"	50.0		106	64-137				
Toluene	46.2		"	50.0		92.4	85-121				
trans-1,2-Dichloroethylene	49.8		"	50.0		99.6	72-132				
trans-1,3-Dichloropropylene	47.7		"	50.0		95.4	78-132				
trans-1,4-dichloro-2-butene	43.7		"	50.0		87.3	75-135				
Trichloroethylene	46.3		"	50.0		92.6	84-123				
Trichlorofluoromethane	68.8		"	50.0		138	62-140				
Vinyl acetate	48.6		"	50.0		97.2	67-136				
Vinyl Chloride	72.3		"	50.0		145	52-130	High Bias			
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.3*		*"*	*50.0*		*103*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.5*		*"*	*50.0*		*99.0*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.6*		*"*	*50.0*		*99.3*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL21328 - EPA 5035A											
LCS Dup (BL21328-BSD1)								Prepared & Analyzed: 12/27/2022			
1,1,1,2-Tetrachloroethane	52.9		ug/L	50.0		106	75-129		9.53	30	
1,1,1-Trichloroethane	55.0		"	50.0		110	71-137		8.57	30	
1,1,2,2-Tetrachloroethane	51.2		"	50.0		102	79-129		10.3	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.6		"	50.0		101	58-146		4.37	30	
1,1,2-Trichloroethane	48.9		"	50.0		97.8	83-123		12.5	30	
1,1-Dichloroethane	50.4		"	50.0		101	75-130		5.87	30	
1,1-Dichloroethylene	52.8		"	50.0		106	64-137		4.55	30	
1,1-Dichloropropylene	50.9		"	50.0		102	77-127		6.01	30	
1,2,3-Trichlorobenzene	46.6		"	50.0		93.1	81-140		11.8	30	
1,2,3-Trichloropropane	49.3		"	50.0		98.7	81-126		14.0	30	
1,2,4,5-Tetramethylbenzene	49.6		"	50.0		99.2	63-156		10.7	30	
1,2,4-Trichlorobenzene	47.8		"	50.0		95.5	80-141		10.1	30	
1,2,4-Trimethylbenzene	48.2		"	50.0		96.5	84-125		7.91	30	
1,2-Dibromo-3-chloropropane	55.6		"	50.0		111	74-142		12.3	30	
1,2-Dibromoethane	50.6		"	50.0		101	86-123		10.5	30	
1,2-Dichlorobenzene	49.4		"	50.0		98.9	85-122		10.7	30	
1,2-Dichloroethane	53.0		"	50.0		106	71-133		8.03	30	
1,2-Dichloropropane	52.2		"	50.0		104	81-122		9.65	30	
1,3,5-Trimethylbenzene	49.8		"	50.0		99.7	82-126		8.45	30	
1,3-Dichlorobenzene	47.2		"	50.0		94.5	84-124		8.13	30	
1,3-Dichloropropane	50.2		"	50.0		100	83-123		10.3	30	
1,4-Dichlorobenzene	47.2		"	50.0		94.4	84-124		9.43	30	
1,4-Dioxane	1210		"	1050		115	10-228		9.72	30	
2,2-Dichloropropane	56.3		"	50.0		113	67-136		7.75	30	
2-Butanone	44.3		"	50.0		88.6	58-147		7.93	30	
2-Chloroethylvinyl ether	86.8		"	50.0		174	10-166	High Bias	14.1	30	
2-Chlorotoluene	47.6		"	50.0		95.2	78-127		7.36	30	
2-Hexanone	51.7		"	50.0		103	70-139		11.8	30	
4-Chlorotoluene	51.1		"	50.0		102	79-125		9.33	30	
4-Methyl-2-pentanone	40.8		"	50.0		81.6	72-132		12.5	30	
Acetone	34.9		"	50.0		69.8	36-155		13.0	30	
Acrolein	34.6		"	50.0		69.2	10-238		8.97	30	
Acrylonitrile	53.4		"	50.0		107	66-141		9.51	30	
Benzene	52.0		"	50.0		104	77-127		4.91	30	
Bromobenzene	47.7		"	50.0		95.3	77-129		7.80	30	
Bromochloromethane	53.3		"	50.0		107	74-129		7.02	30	
Bromodichloromethane	52.4		"	50.0		105	81-124		9.27	30	
Bromoform	50.9		"	50.0		102	80-136		12.3	30	
Bromomethane	75.3		"	50.0		151	32-177		1.66	30	
Carbon disulfide	59.4		"	50.0		119	10-136		3.97	30	
Carbon tetrachloride	55.9		"	50.0		112	66-143		5.23	30	
Chlorobenzene	52.8		"	50.0		106	86-120		10.3	30	
Chloroethane	79.2		"	50.0		158	51-142	High Bias	3.10	30	
Chloroform	52.1		"	50.0		104	76-131		5.08	30	
Chloromethane	72.4		"	50.0		145	49-132	High Bias	2.25	30	
cis-1,2-Dichloroethylene	52.4		"	50.0		105	74-132		7.01	30	
cis-1,3-Dichloropropylene	52.4		"	50.0		105	81-129		9.85	30	
Cyclohexane	54.4		"	50.0		109	70-130		4.22	30	
Dibromochloromethane	47.9		"	50.0		95.9	10-200		10.9	30	
Dibromomethane	50.3		"	50.0		101	83-124		9.00	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL21328 - EPA 5035A											
LCS Dup (BL21328-BSD1)								Prepared & Analyzed: 12/27/2022			
Dichlorodifluoromethane	87.1		ug/L	50.0		174	28-158	High Bias	2.90	30	
Diisopropyl ether (DIPE)	52.9		"	50.0		106	70-130		7.33	30	
Ethanol	ND	80	ug/kg wet				70-130			30	
Ethyl Benzene	50.3		ug/L	50.0		101	84-125		10.3	30	
Ethyl tert-butyl ether (ETBE)	47.9		"	50.0		95.8	70-130		6.36	30	
Hexachlorobutadiene	45.8		"	50.0		91.7	83-133		8.53	30	
Iodomethane	54.4		"	50.0		109	70-130		4.45	30	
Isopropylbenzene	49.7		"	50.0		99.4	81-127		7.10	30	
Methyl acetate	50.8		"	50.0		102	41-143		8.16	30	
Methyl Methacrylate	50.6		"	50.0		101	79-125		11.1	30	
Methyl tert-butyl ether (MTBE)	50.7		"	50.0		101	74-131		8.09	30	
Methylcyclohexane	50.0		"	50.0		99.9	70-130		6.89	30	
Methylene chloride	51.2		"	50.0		102	57-141		3.74	30	
Naphthalene	49.0		"	50.0		98.1	86-141		11.7	30	
n-Butylbenzene	51.4		"	50.0		103	80-130		9.29	30	
n-Propylbenzene	49.6		"	50.0		99.1	74-136		7.21	30	
o-Xylene	50.7		"	50.0		101	83-123		10.5	30	
p- & m- Xylenes	106		"	100		106	82-128		9.67	30	
p-Diethylbenzene	51.1		"	50.0		102	70-144		9.79	30	
p-Ethyltoluene	50.7		"	50.0		101	84-123		8.06	30	
p-Isopropyltoluene	49.9		"	50.0		99.8	85-125		8.97	30	
sec-Butylbenzene	49.6		"	50.0		99.3	83-125		7.85	30	
Styrene	51.4		"	50.0		103	86-126		11.7	30	
tert-Amyl alcohol (TAA)	531		"	500		106	70-130		13.6	30	
tert-Amyl methyl ether (TAME)	49.3		"	50.0		98.6	70-130		7.84	30	
tert-Butyl alcohol (TBA)	290		"	250		116	70-130		16.2	30	
tert-Butylbenzene	41.6		"	50.0		83.2	80-127		8.08	30	
Tetrachloroethylene	44.3		"	50.0		88.7	80-129		7.66	30	
Tetrahydrofuran	58.9		"	50.0		118	64-137		10.1	30	
Toluene	50.0		"	50.0		99.9	85-121		7.80	30	
trans-1,2-Dichloroethylene	52.1		"	50.0		104	72-132		4.48	30	
trans-1,3-Dichloropropylene	52.7		"	50.0		105	78-132		10.0	30	
trans-1,4-dichloro-2-butene	48.4		"	50.0		96.8	75-135		10.3	30	
Trichloroethylene	50.0		"	50.0		100	84-123		7.78	30	
Trichlorofluoromethane	69.5		"	50.0		139	62-140		1.06	30	
Vinyl acetate	52.5		"	50.0		105	67-136		7.75	30	
Vinyl Chloride	73.1		"	50.0		146	52-130	High Bias	1.09	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.6*		*"*	*50.0*		*101*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.9*		*"*	*50.0*		*99.8*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.1*		*"*	*50.0*		*96.3*	*76-130*				

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 BL21723 - % Solids Prep											
Duplicate (BL21723-DUP1)	*Source sample: 22L1321-04 (PCE-Q2 EP SW-N1)								Prepared & Analyzed: 12/29/2022		
% Solids	89.9	0.100	%		89.9				0.0562	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
22L1321-01	PCE-Q2 EP SW-W	40mL Vial with Stir Bar-Cool 4° C
22L1321-02	PCE-Q2 EP B2	40mL Vial with Stir Bar-Cool 4° C
22L1321-03	PCE-Q2 EP B1	40mL Vial with Stir Bar-Cool 4° C
22L1321-04	PCE-Q2 EP SW-N1	40mL Vial with Stir Bar-Cool 4° C
22L1321-05	PCE-Q2 EP SW-N2	40mL Vial with Stir Bar-Cool 4° C
22L1321-06	PCE-Q2 EP SW-S	40mL Vial with Stir Bar-Cool 4° C

Sample and Data Qualifiers Relating to This Work Order

Temp_S1	The samples were delivered directly from the field by the client. Upon receipt, the temp of the samples exceeded 6 deg. C. Ice was present indicating the samples had not reached desired temp. due to the short time frame from sampling to receipt by York.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Field Chain-of-Custody Record

YORK
ANALYTICAL LABORATORIES INC

York 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.

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | clientservices@yorklab.com | www.yorklab.com | 800-306-YORK | 800-306-9675

YORK Project No. 22L1321

YOUR Information	Report To:	Invoice To:
Company: Laurel Environmental Geosciences	Company:	Company:
Address: 53 West Hills Road Huntington Station NY 11746	Address: Scott	Address: Kathy
Phone: 631-673-0612	Phone:	Phone:
Contact: labresults@laurelenv.com	Contact:	Contact:
E-mail: Scott Yanuck	E-mail:	E-mail:

YOUR Project Number: 19-401

YOUR Project Name: 27-09 40th Avenue, Long Island City

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- **Standard (5-7 Day)** X

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

Elijah Boger 12/23/22

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 X
New Jersey
Connecticut
Pennsylvania
Other:

Report / EDD Type (circle selections)

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

YORK Reg. Comp.

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

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
PCE-Q2 EP SW-W	S	12/23/22 7:35	USEPA 8260	(4) 40mL
PCE-Q2 EP B2		7:35		
PCE-Q2 EP B1		7:40		
PCE-Q2 EP SW-W1		7:45		
PCE-Q2 EP SW-W2		7:45		
PCE-Q5 EP SW-S		7:50		

Comments:

Preservation: (check all that apply)
HCl ___ MeOH ✓ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other: DI water

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
E.B. Laurel Environmental	12/23/22 11:30		12/25/22 1:50		12/23/22 @ 1450
2. Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
4. Samples Received by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received by / Company	Date/Time / Temperature
					12/23/22 @ 1450 8.9°C

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: 12/02/2022
Client Project ID: 27-09 40th Avenue, LIC, NY - 19-401
York Project (SDG) No.: 22K1429

Report Date: 12/02/2022
Client Project ID: 27-09 40th Avenue, LIC, NY - 19-401
York Project (SDG) No.: 22K1429

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 29, 2022 and listed below. The project was identified as your project: **27-09 40th Avenue, LIC, NY - 19-401**.

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
22K1429-01	PCE-Q5 EP North	Soil	11/29/2022	11/29/2022
22K1429-02	PCE-Q5 EP West	Soil	11/28/2022	11/29/2022
22K1429-03	PCE-Q5 EP Bottom	Soil	11/28/2022	11/29/2022
22K1429-04	PCE-Q5 EP South	Soil	11/28/2022	11/29/2022
22K1429-05	PCE-Q5 EP East	Soil	11/29/2022	11/29/2022

General Notes for York Project (SDG) No.: 22K1429

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

Approved By:  **Date:** 12/02/2022

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: **PCE-Q5 EP North** **York Sample ID:** **22K1429-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22K1429	27-09 40th Avenue, LIC, NY - 19-401	Soil	November 29, 2022 8:20 am	11/29/2022

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/30/2022 06:30	11/30/2022 14:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/30/2022 06:30	11/30/2022 14:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/30/2022 06:30	11/30/2022 14:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/30/2022 06:30	11/30/2022 14:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/30/2022 06:30	11/30/2022 14:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/30/2022 06:30	11/30/2022 14:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/30/2022 06:30	11/30/2022 14:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/30/2022 06:30	11/30/2022 14:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/30/2022 06:30	11/30/2022 14:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
123-91-1	1,4-Dioxane	ND		ug/kg dry	58	120	1	EPA 8260C	11/30/2022 06:30	11/30/2022 14:21	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/30/2022 06:30	11/30/2022 14:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-64-1	Acetone	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/30/2022 06:30	11/30/2022 14:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-43-2	Benzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/30/2022 06:30	11/30/2022 14:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
56-23-5	Carbon tetrachloride	ND	CAL-E	ug/kg dry	2.9	5.8	1	EPA 8260C	11/30/2022 06:30	11/30/2022 14:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-90-7	Chlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/30/2022 06:30	11/30/2022 14:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-66-3	Chloroform	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/30/2022 06:30	11/30/2022 14:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/30/2022 06:30	11/30/2022 14:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/30/2022 06:30	11/30/2022 14:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/30/2022 06:30	11/30/2022 14:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-09-2	Methylene chloride	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/30/2022 06:30	11/30/2022 14:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
91-20-3	Naphthalene	ND		ug/kg dry	2.9	12	1	EPA 8260C	11/30/2022 06:30	11/30/2022 14:21	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/30/2022 06:30	11/30/2022 14:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/30/2022 06:30	11/30/2022 14:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: PCE-Q5 EP North **York Sample ID:** 22K1429-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22K1429	27-09 40th Avenue, LIC, NY - 19-401	Soil	November 29, 2022 8:20 am	11/29/2022

Volatile Organics, NYSDEC Part 375 List

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		ug/kg dry	2.9	5.8	1	EPA 8260C	11/30/2022 06:30	11/30/2022 14:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/30/2022 06:30	11/30/2022 14:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/30/2022 06:30	11/30/2022 14:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/30/2022 06:30	11/30/2022 14:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
127-18-4	**Tetrachloroethylene**	**46000**	CCVE	ug/kg dry	1800	3600	500	EPA 8260C	12/01/2022 06:30	12/01/2022 10:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
108-88-3	Toluene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/30/2022 06:30	11/30/2022 14:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/30/2022 06:30	11/30/2022 14:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-01-6	Trichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/30/2022 06:30	11/30/2022 14:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/30/2022 06:30	11/30/2022 14:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.6	17	1	EPA 8260C	11/30/2022 06:30	11/30/2022 14:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*107 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*103 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*119 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**84.1**		%	0.100	1	SM 2540G	12/01/2022 17:55	12/01/2022 17:56	JTG
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: PCE-Q5 EP West **York Sample ID:** 22K1429-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22K1429	27-09 40th Avenue, LIC, NY - 19-401	Soil	November 28, 2022 12:15 pm	11/29/2022

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: PCE-Q5 EP West

York Sample ID: 22K1429-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22K1429	27-09 40th Avenue, LIC, NY - 19-401	Soil	November 28, 2022 12:15 pm	11/29/2022

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications:	12/01/2022 06:57	12/01/2022 10:44 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications:	12/01/2022 06:57	12/01/2022 10:44 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications:	12/01/2022 06:57	12/01/2022 10:44 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications:	12/01/2022 06:57	12/01/2022 10:44 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications:	12/01/2022 06:57	12/01/2022 10:44 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications:	12/01/2022 06:57	12/01/2022 10:44 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications:	12/01/2022 06:57	12/01/2022 10:44 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications:	12/01/2022 06:57	12/01/2022 10:44 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications:	12/01/2022 06:57	12/01/2022 10:44 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
123-91-1	1,4-Dioxane	ND		ug/kg dry	41	83	1	EPA 8260C Certifications:	12/01/2022 06:57	12/01/2022 10:44 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
78-93-3	2-Butanone	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications:	12/01/2022 06:57	12/01/2022 10:44 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
67-64-1	Acetone	ND		ug/kg dry	4.1	8.3	1	EPA 8260C Certifications:	12/01/2022 06:57	12/01/2022 10:44 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
71-43-2	Benzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications:	12/01/2022 06:57	12/01/2022 10:44 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
56-23-5	Carbon tetrachloride	ND	CAL-E	ug/kg dry	2.1	4.1	1	EPA 8260C Certifications:	12/01/2022 06:57	12/01/2022 10:44 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
108-90-7	Chlorobenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications:	12/01/2022 06:57	12/01/2022 10:44 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
67-66-3	Chloroform	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications:	12/01/2022 06:57	12/01/2022 10:44 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications:	12/01/2022 06:57	12/01/2022 10:44 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications:	12/01/2022 06:57	12/01/2022 10:44 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications:	12/01/2022 06:57	12/01/2022 10:44 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
75-09-2	Methylene chloride	ND		ug/kg dry	4.1	8.3	1	EPA 8260C Certifications:	12/01/2022 06:57	12/01/2022 10:44 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
91-20-3	Naphthalene	ND		ug/kg dry	2.1	8.3	1	EPA 8260C Certifications:	12/01/2022 06:57	12/01/2022 10:44 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications:	12/01/2022 06:57	12/01/2022 10:44 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications:	12/01/2022 06:57	12/01/2022 10:44 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
95-47-6	o-Xylene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications:	12/01/2022 06:57	12/01/2022 10:44 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	BMC

Sample Information

Client Sample ID: PCE-Q5 EP West **York Sample ID:** 22K1429-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22K1429	27-09 40th Avenue, LIC, NY - 19-401	Soil	November 28, 2022 12:15 pm	11/29/2022

Volatile Organics, NYSDEC Part 375 List

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
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.1	8.3	1	EPA 8260C	12/01/2022 06:57	12/01/2022 10:44	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	12/01/2022 06:57	12/01/2022 10:44	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	12/01/2022 06:57	12/01/2022 10:44	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
127-18-4	**Tetrachloroethylene**	**4.8**		ug/kg dry	2.1	4.1	1	EPA 8260C	12/01/2022 06:57	12/01/2022 10:44	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
108-88-3	Toluene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	12/01/2022 06:57	12/01/2022 10:44	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	12/01/2022 06:57	12/01/2022 10:44	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-01-6	Trichloroethylene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	12/01/2022 06:57	12/01/2022 10:44	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	12/01/2022 06:57	12/01/2022 10:44	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.2	12	1	EPA 8260C	12/01/2022 06:57	12/01/2022 10:44	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*104 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*114 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.3**		%	0.100	1	SM 2540G	12/01/2022 17:55	12/01/2022 17:56	JTG
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: PCE-Q5 EP Bottom **York Sample ID:** 22K1429-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22K1429	27-09 40th Avenue, LIC, NY - 19-401	Soil	November 28, 2022 12:30 pm	11/29/2022

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: PCE-Q5 EP Bottom

York Sample ID: 22K1429-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22K1429	27-09 40th Avenue, LIC, NY - 19-401	Soil	November 28, 2022 12:30 pm	11/29/2022

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	11/30/2022 06:30	11/30/2022 15:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	11/30/2022 06:30	11/30/2022 15:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	11/30/2022 06:30	11/30/2022 15:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	11/30/2022 06:30	11/30/2022 15:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	11/30/2022 06:30	11/30/2022 15:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	11/30/2022 06:30	11/30/2022 15:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	11/30/2022 06:30	11/30/2022 15:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	11/30/2022 06:30	11/30/2022 15:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	11/30/2022 06:30	11/30/2022 15:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
123-91-1	1,4-Dioxane	ND		ug/kg dry	45	90	1	EPA 8260C Certifications:	11/30/2022 06:30	11/30/2022 15:13 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
78-93-3	2-Butanone	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	11/30/2022 06:30	11/30/2022 15:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
67-64-1	**Acetone**	**4.8**	J	ug/kg dry	4.5	9.0	1	EPA 8260C Certifications:	11/30/2022 06:30	11/30/2022 15:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	BMC
71-43-2	Benzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	11/30/2022 06:30	11/30/2022 15:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
56-23-5	Carbon tetrachloride	ND	CAL-E	ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	11/30/2022 06:30	11/30/2022 15:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
108-90-7	Chlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	11/30/2022 06:30	11/30/2022 15:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
67-66-3	Chloroform	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	11/30/2022 06:30	11/30/2022 15:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	11/30/2022 06:30	11/30/2022 15:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	11/30/2022 06:30	11/30/2022 15:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	11/30/2022 06:30	11/30/2022 15:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
75-09-2	Methylene chloride	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications:	11/30/2022 06:30	11/30/2022 15:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
91-20-3	Naphthalene	ND		ug/kg dry	2.2	9.0	1	EPA 8260C Certifications:	11/30/2022 06:30	11/30/2022 15:13 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	11/30/2022 06:30	11/30/2022 15:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	11/30/2022 06:30	11/30/2022 15:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
95-47-6	o-Xylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	11/30/2022 06:30	11/30/2022 15:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	BMC

Sample Information

Client Sample ID: PCE-Q5 EP Bottom **York Sample ID:** 22K1429-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22K1429	27-09 40th Avenue, LIC, NY - 19-401	Soil	November 28, 2022 12:30 pm	11/29/2022

Volatile Organics, NYSDEC Part 375 List

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
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.5	9.0	1	EPA 8260C	11/30/2022 06:30	11/30/2022 15:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	11/30/2022 06:30	11/30/2022 15:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	11/30/2022 06:30	11/30/2022 15:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
127-18-4	**Tetrachloroethylene**	**170**		ug/kg dry	2.2	4.5	1	EPA 8260C	11/30/2022 06:30	11/30/2022 15:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
108-88-3	Toluene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	11/30/2022 06:30	11/30/2022 15:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	11/30/2022 06:30	11/30/2022 15:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-01-6	Trichloroethylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	11/30/2022 06:30	11/30/2022 15:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	11/30/2022 06:30	11/30/2022 15:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.7	13	1	EPA 8260C	11/30/2022 06:30	11/30/2022 15:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*112 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*103 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*115 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**84.6**		%	0.100	1	SM 2540G	12/01/2022 17:55	12/01/2022 17:56	JTG
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: PCE-Q5 EP South **York Sample ID:** 22K1429-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22K1429	27-09 40th Avenue, LIC, NY - 19-401	Soil	November 28, 2022 12:00 pm	11/29/2022

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: PCE-Q5 EP South

York Sample ID: 22K1429-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22K1429	27-09 40th Avenue, LIC, NY - 19-401	Soil	November 28, 2022 12:00 pm	11/29/2022

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	11/30/2022 06:30	11/30/2022 15:38	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	11/30/2022 06:30	11/30/2022 15:38	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	11/30/2022 06:30	11/30/2022 15:38	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	11/30/2022 06:30	11/30/2022 15:38	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	11/30/2022 06:30	11/30/2022 15:38	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	11/30/2022 06:30	11/30/2022 15:38	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	11/30/2022 06:30	11/30/2022 15:38	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	11/30/2022 06:30	11/30/2022 15:38	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	11/30/2022 06:30	11/30/2022 15:38	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		ug/kg dry	53	110	1	EPA 8260C Certifications:	11/30/2022 06:30	11/30/2022 15:38	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	11/30/2022 06:30	11/30/2022 15:38	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	Acetone	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications:	11/30/2022 06:30	11/30/2022 15:38	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	11/30/2022 06:30	11/30/2022 15:38	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND	CAL-E	ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	11/30/2022 06:30	11/30/2022 15:38	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	11/30/2022 06:30	11/30/2022 15:38	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	11/30/2022 06:30	11/30/2022 15:38	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	11/30/2022 06:30	11/30/2022 15:38	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	11/30/2022 06:30	11/30/2022 15:38	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	11/30/2022 06:30	11/30/2022 15:38	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-09-2	Methylene chloride	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications:	11/30/2022 06:30	11/30/2022 15:38	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
91-20-3	Naphthalene	ND		ug/kg dry	2.7	11	1	EPA 8260C Certifications:	11/30/2022 06:30	11/30/2022 15:38	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	11/30/2022 06:30	11/30/2022 15:38	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	11/30/2022 06:30	11/30/2022 15:38	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-47-6	o-Xylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	11/30/2022 06:30	11/30/2022 15:38	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP

Sample Information

Client Sample ID: PCE-Q5 EP South **York Sample ID:** 22K1429-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22K1429	27-09 40th Avenue, LIC, NY - 19-401	Soil	November 28, 2022 12:00 pm	11/29/2022

Volatile Organics, NYSDEC Part 375 List

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
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.3	11	1	EPA 8260C	11/30/2022 06:30	11/30/2022 15:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	11/30/2022 06:30	11/30/2022 15:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	11/30/2022 06:30	11/30/2022 15:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	11/30/2022 06:30	11/30/2022 15:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-88-3	Toluene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	11/30/2022 06:30	11/30/2022 15:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	11/30/2022 06:30	11/30/2022 15:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-01-6	Trichloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	11/30/2022 06:30	11/30/2022 15:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	11/30/2022 06:30	11/30/2022 15:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.0	16	1	EPA 8260C	11/30/2022 06:30	11/30/2022 15:38	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*108 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*104 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*114 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**95.7**		%	0.100	1	SM 2540G	12/01/2022 17:55	12/01/2022 17:56	JTG
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: PCE-Q5 EP East **York Sample ID:** 22K1429-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22K1429	27-09 40th Avenue, LIC, NY - 19-401	Soil	November 29, 2022 8:25 am	11/29/2022

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: **PCE-Q5 EP East** **York Sample ID:** **22K1429-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22K1429	27-09 40th Avenue, LIC, NY - 19-401	Soil	November 29, 2022 8:25 am	11/29/2022

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	12/01/2022 06:57	12/01/2022 11:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	12/01/2022 06:57	12/01/2022 11:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	12/01/2022 06:57	12/01/2022 11:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	12/01/2022 06:57	12/01/2022 11:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	12/01/2022 06:57	12/01/2022 11:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	12/01/2022 06:57	12/01/2022 11:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	12/01/2022 06:57	12/01/2022 11:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	12/01/2022 06:57	12/01/2022 11:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	12/01/2022 06:57	12/01/2022 11:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
123-91-1	1,4-Dioxane	ND		ug/kg dry	46	93	1	EPA 8260C	12/01/2022 06:57	12/01/2022 11:10	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	12/01/2022 06:57	12/01/2022 11:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-64-1	**Acetone**	**5.1**	J	ug/kg dry	4.6	9.3	1	EPA 8260C	12/01/2022 06:57	12/01/2022 11:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
71-43-2	Benzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	12/01/2022 06:57	12/01/2022 11:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
56-23-5	Carbon tetrachloride	ND	CAL-E	ug/kg dry	2.3	4.6	1	EPA 8260C	12/01/2022 06:57	12/01/2022 11:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-90-7	Chlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	12/01/2022 06:57	12/01/2022 11:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-66-3	Chloroform	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	12/01/2022 06:57	12/01/2022 11:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	12/01/2022 06:57	12/01/2022 11:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	12/01/2022 06:57	12/01/2022 11:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	12/01/2022 06:57	12/01/2022 11:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-09-2	Methylene chloride	ND		ug/kg dry	4.6	9.3	1	EPA 8260C	12/01/2022 06:57	12/01/2022 11:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
91-20-3	Naphthalene	ND		ug/kg dry	2.3	9.3	1	EPA 8260C	12/01/2022 06:57	12/01/2022 11:10	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	12/01/2022 06:57	12/01/2022 11:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	12/01/2022 06:57	12/01/2022 11:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-47-6	o-Xylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	12/01/2022 06:57	12/01/2022 11:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		

Sample Information

Client Sample ID: **PCE-Q5 EP East** **York Sample ID:** **22K1429-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22K1429	27-09 40th Avenue, LIC, NY - 19-401	Soil	November 29, 2022 8:25 am	11/29/2022

Volatile Organics, NYSDEC Part 375 List

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
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.6	9.3	1	EPA 8260C	12/01/2022 06:57	12/01/2022 11:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	12/01/2022 06:57	12/01/2022 11:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	12/01/2022 06:57	12/01/2022 11:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
127-18-4	**Tetrachloroethylene**	**57**		ug/kg dry	2.3	4.6	1	EPA 8260C	12/01/2022 06:57	12/01/2022 11:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
108-88-3	Toluene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	12/01/2022 06:57	12/01/2022 11:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	12/01/2022 06:57	12/01/2022 11:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-01-6	Trichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	12/01/2022 06:57	12/01/2022 11:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	12/01/2022 06:57	12/01/2022 11:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.0	14	1	EPA 8260C	12/01/2022 06:57	12/01/2022 11:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*110 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*103 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*111 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**85.9**		%	0.100	1	SM 2540G	12/01/2022 17:55	12/01/2022 17:56	JTG
							Certifications:	CTDOH-PH-0723		

Analytical Batch Summary

Batch ID: BK21364 **Preparation Method:** EPA 5035A **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
22K1429-01RE1	PCE-Q5 EP North	12/01/22
BK21364-BLK1	Blank	12/01/22
BK21364-BS1	LCS	12/01/22
BK21364-BSD1	LCS Dup	12/01/22

Batch ID: BK21365 **Preparation Method:** EPA 5035A **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
22K1429-02	PCE-Q5 EP West	12/01/22
22K1429-05	PCE-Q5 EP East	12/01/22
BK21365-BLK1	Blank	12/01/22
BK21365-BS1	LCS	12/01/22
BK21365-BSD1	LCS Dup	12/01/22

Batch ID: BK21367 **Preparation Method:** EPA 5035A **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
22K1429-01	PCE-Q5 EP North	11/30/22
22K1429-03	PCE-Q5 EP Bottom	11/30/22
22K1429-04	PCE-Q5 EP South	11/30/22
BK21367-BLK1	Blank	11/30/22
BK21367-BS1	LCS	11/30/22
BK21367-BSD1	LCS Dup	11/30/22

Batch ID: BL20064 **Preparation Method:** % Solids Prep **Prepared By:** JTG

YORK Sample ID	Client Sample ID	Preparation Date
22K1429-01	PCE-Q5 EP North	12/01/22
22K1429-02	PCE-Q5 EP West	12/01/22
22K1429-03	PCE-Q5 EP Bottom	12/01/22
22K1429-04	PCE-Q5 EP South	12/01/22
22K1429-05	PCE-Q5 EP East	12/01/22
BL20064-DUP1	Duplicate	12/01/22

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 BK21364 - EPA 5035A											
Blank (BK21364-BLK1)									Prepared & Analyzed: 12/01/2022		
1,1,1-Trichloroethane	ND	5.0	ug/kg wet								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2-Butanone	ND	5.0	"								
Acetone	ND	10	"								
Benzene	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroform	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	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	"								
sec-Butylbenzene	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*58.7*		*ug/L*	*50.0*		*117*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.9*		*"*	*50.0*		*99.9*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*54.9*		*"*	*50.0*		*110*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK21364 - EPA 5035A											
LCS (BK21364-BS1)							Prepared & Analyzed: 12/01/2022				
1,1,1-Trichloroethane	58		ug/L	50.0		115	71-137				
1,1-Dichloroethane	48		"	50.0		96.4	75-130				
1,1-Dichloroethylene	50		"	50.0		99.9	64-137				
1,2,4-Trimethylbenzene	55		"	50.0		110	84-125				
1,2-Dichlorobenzene	51		"	50.0		101	85-122				
1,2-Dichloroethane	56		"	50.0		113	71-133				
1,3,5-Trimethylbenzene	53		"	50.0		106	82-126				
1,3-Dichlorobenzene	52		"	50.0		103	84-124				
1,4-Dichlorobenzene	52		"	50.0		104	84-124				
1,4-Dioxane	1200		"	1050		111	10-228				
2-Butanone	57		"	50.0		115	58-147				
Acetone	51		"	50.0		102	36-155				
Benzene	50		"	50.0		100	77-127				
Carbon tetrachloride	58		"	50.0		116	66-143				
Chlorobenzene	53		"	50.0		106	86-120				
Chloroform	55		"	50.0		109	76-131				
cis-1,2-Dichloroethylene	54		"	50.0		108	74-132				
Ethyl Benzene	52		"	50.0		104	84-125				
Methyl tert-butyl ether (MTBE)	54		"	50.0		107	74-131				
Methylene chloride	48		"	50.0		95.8	57-141				
Naphthalene	58		"	50.0		117	86-141				
n-Butylbenzene	56		"	50.0		112	80-130				
n-Propylbenzene	57		"	50.0		115	74-136				
o-Xylene	53		"	50.0		106	83-123				
p- & m- Xylenes	100		"	100		102	82-128				
sec-Butylbenzene	56		"	50.0		112	83-125				
tert-Butylbenzene	56		"	50.0		112	80-127				
Tetrachloroethylene	41		"	50.0		82.3	80-129				
Toluene	50		"	50.0		99.9	85-121				
trans-1,2-Dichloroethylene	51		"	50.0		102	72-132				
Trichloroethylene	54		"	50.0		108	84-123				
Vinyl Chloride	44		"	50.0		87.3	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*58.4*		*"*	*50.0*		*117*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.2*		*"*	*50.0*		*100*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*59.1*		*"*	*50.0*		*118*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK21364 - EPA 5035A											
LCS Dup (BK21364-BSD1)								Prepared & Analyzed: 12/01/2022			
1,1,1-Trichloroethane	60		ug/L	50.0		120	71-137		3.96	30	
1,1-Dichloroethane	50		"	50.0		100	75-130		4.04	30	
1,1-Dichloroethylene	50		"	50.0		99.4	64-137		0.502	30	
1,2,4-Trimethylbenzene	57		"	50.0		114	84-125		3.49	30	
1,2-Dichlorobenzene	52		"	50.0		104	85-122		2.42	30	
1,2-Dichloroethane	59		"	50.0		117	71-133		4.08	30	
1,3,5-Trimethylbenzene	54		"	50.0		109	82-126		3.23	30	
1,3-Dichlorobenzene	53		"	50.0		106	84-124		3.10	30	
1,4-Dichlorobenzene	53		"	50.0		106	84-124		2.45	30	
1,4-Dioxane	1300		"	1050		123	10-228		9.90	30	
2-Butanone	57		"	50.0		114	58-147		1.05	30	
Acetone	52		"	50.0		104	36-155		1.65	30	
Benzene	52		"	50.0		104	77-127		4.05	30	
Carbon tetrachloride	59		"	50.0		118	66-143		1.64	30	
Chlorobenzene	55		"	50.0		110	86-120		3.51	30	
Chloroform	57		"	50.0		114	76-131		4.34	30	
cis-1,2-Dichloroethylene	56		"	50.0		112	74-132		3.62	30	
Ethyl Benzene	53		"	50.0		107	84-125		2.87	30	
Methyl tert-butyl ether (MTBE)	57		"	50.0		113	74-131		5.52	30	
Methylene chloride	51		"	50.0		101	57-141		5.28	30	
Naphthalene	60		"	50.0		120	86-141		2.95	30	
n-Butylbenzene	58		"	50.0		115	80-130		2.57	30	
n-Propylbenzene	59		"	50.0		118	74-136		2.85	30	
o-Xylene	55		"	50.0		111	83-123		4.19	30	
p- & m- Xylenes	110		"	100		105	82-128		3.00	30	
sec-Butylbenzene	58		"	50.0		117	83-125		4.37	30	
tert-Butylbenzene	58		"	50.0		115	80-127		2.66	30	
Tetrachloroethylene	42		"	50.0		83.8	80-129		1.78	30	
Toluene	52		"	50.0		104	85-121		3.73	30	
trans-1,2-Dichloroethylene	52		"	50.0		104	72-132		2.41	30	
Trichloroethylene	56		"	50.0		113	84-123		4.23	30	
Vinyl Chloride	46		"	50.0		91.1	52-130		4.17	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*58.3*		*"*	*50.0*		*117*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.3*		*"*	*50.0*		*101*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*58.7*		*"*	*50.0*		*117*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK21365 - EPA 5035A											
Blank (BK21365-BLK1)											Prepared & Analyzed: 12/01/2022
1,1,1-Trichloroethane	ND	5.0	ug/kg wet								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2-Butanone	ND	5.0	"								
Acetone	ND	10	"								
Benzene	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroform	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	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	"								
sec-Butylbenzene	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*54.0*		*ug/L*	*50.0*		*108*	*77-125*				
Surrogate: SURR: Toluene-d8	*52.5*		*"*	*50.0*		*105*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*57.4*		*"*	*50.0*		*115*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK21365 - EPA 5035A											
LCS (BK21365-BS1)								Prepared & Analyzed: 12/01/2022			
1,1,1-Trichloroethane	47		ug/L	50.0		94.7	71-137				
1,1-Dichloroethane	43		"	50.0		85.7	75-130				
1,1-Dichloroethylene	45		"	50.0		90.2	64-137				
1,2,4-Trimethylbenzene	47		"	50.0		94.9	84-125				
1,2-Dichlorobenzene	49		"	50.0		97.9	85-122				
1,2-Dichloroethane	48		"	50.0		97.0	71-133				
1,3,5-Trimethylbenzene	49		"	50.0		98.1	82-126				
1,3-Dichlorobenzene	46		"	50.0		91.2	84-124				
1,4-Dichlorobenzene	45		"	50.0		90.8	84-124				
1,4-Dioxane	1100		"	1050		107	10-228				
2-Butanone	40		"	50.0		80.2	58-147				
Acetone	31		"	50.0		62.6	36-155				
Benzene	46		"	50.0		92.8	77-127				
Carbon tetrachloride	49		"	50.0		97.9	66-143				
Chlorobenzene	50		"	50.0		99.2	86-120				
Chloroform	47		"	50.0		94.5	76-131				
cis-1,2-Dichloroethylene	46		"	50.0		92.2	74-132				
Ethyl Benzene	48		"	50.0		96.2	84-125				
Methyl tert-butyl ether (MTBE)	44		"	50.0		88.8	74-131				
Methylene chloride	46		"	50.0		92.5	57-141				
Naphthalene	48		"	50.0		96.1	86-141				
n-Butylbenzene	50		"	50.0		100	80-130				
n-Propylbenzene	49		"	50.0		97.7	74-136				
o-Xylene	48		"	50.0		96.8	83-123				
p- & m- Xylenes	100		"	100		102	82-128				
sec-Butylbenzene	49		"	50.0		97.5	83-125				
tert-Butylbenzene	40		"	50.0		80.9	80-127				
Tetrachloroethylene	42		"	50.0		83.9	80-129				
Toluene	48		"	50.0		96.2	85-121				
trans-1,2-Dichloroethylene	46		"	50.0		91.2	72-132				
Trichloroethylene	47		"	50.0		94.3	84-123				
Vinyl Chloride	75		"	50.0		149	52-130	High Bias			
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.2*		*"*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.4*		*"*	*50.0*		*103*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*47.9*		*"*	*50.0*		*95.7*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK21365 - EPA 5035A											
LCS Dup (BK21365-BSD1)							Prepared & Analyzed: 12/01/2022				
1,1,1-Trichloroethane	51		ug/L	50.0		102	71-137		7.20	30	
1,1-Dichloroethane	47		"	50.0		93.4	75-130		8.58	30	
1,1-Dichloroethylene	48		"	50.0		95.9	64-137		6.17	30	
1,2,4-Trimethylbenzene	50		"	50.0		101	84-125		6.25	30	
1,2-Dichlorobenzene	53		"	50.0		107	85-122		8.64	30	
1,2-Dichloroethane	53		"	50.0		106	71-133		8.42	30	
1,3,5-Trimethylbenzene	52		"	50.0		104	82-126		5.82	30	
1,3-Dichlorobenzene	49		"	50.0		97.6	84-124		6.78	30	
1,4-Dichlorobenzene	49		"	50.0		98.4	84-124		8.03	30	
1,4-Dioxane	1100		"	1050		109	10-228		2.04	30	
2-Butanone	43		"	50.0		85.5	58-147		6.42	30	
Acetone	32		"	50.0		63.0	36-155		0.637	30	
Benzene	49		"	50.0		98.6	77-127		6.10	30	
Carbon tetrachloride	52		"	50.0		104	66-143		5.62	30	
Chlorobenzene	53		"	50.0		107	86-120		7.53	30	
Chloroform	49		"	50.0		99.0	76-131		4.61	30	
cis-1,2-Dichloroethylene	49		"	50.0		98.5	74-132		6.63	30	
Ethyl Benzene	51		"	50.0		102	84-125		5.83	30	
Methyl tert-butyl ether (MTBE)	48		"	50.0		96.9	74-131		8.68	30	
Methylene chloride	50		"	50.0		99.0	57-141		6.77	30	
Naphthalene	52		"	50.0		103	86-141		7.03	30	
n-Butylbenzene	54		"	50.0		107	80-130		6.87	30	
n-Propylbenzene	51		"	50.0		102	74-136		4.80	30	
o-Xylene	52		"	50.0		103	83-123		6.50	30	
p- & m- Xylenes	110		"	100		108	82-128		6.01	30	
sec-Butylbenzene	52		"	50.0		104	83-125		6.37	30	
tert-Butylbenzene	43		"	50.0		86.1	80-127		6.22	30	
Tetrachloroethylene	43		"	50.0		85.9	80-129		2.33	30	
Toluene	51		"	50.0		101	85-121		5.38	30	
trans-1,2-Dichloroethylene	49		"	50.0		97.9	72-132		7.09	30	
Trichloroethylene	49		"	50.0		98.8	84-123		4.66	30	
Vinyl Chloride	77		"	50.0		154	52-130	High Bias	3.24	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.1*		*"*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.4*		*"*	*50.0*		*103*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.1*		*"*	*50.0*		*96.2*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK21367 - EPA 5035A											
Blank (BK21367-BLK1)											Prepared & Analyzed: 11/30/2022
1,1,1-Trichloroethane	ND	5.0	ug/kg wet								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2-Butanone	ND	5.0	"								
Acetone	ND	10	"								
Benzene	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroform	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	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	"								
sec-Butylbenzene	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.9*		*ug/L*	*50.0*		*104*	*77-125*				
Surrogate: SURR: Toluene-d8	*52.8*		*"*	*50.0*		*106*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*58.0*		*"*	*50.0*		*116*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK21367 - EPA 5035A											
LCS (BK21367-BS1)								Prepared & Analyzed: 11/30/2022			
1,1,1-Trichloroethane	52		ug/L	50.0		104	71-137				
1,1-Dichloroethane	47		"	50.0		94.0	75-130				
1,1-Dichloroethylene	50		"	50.0		99.1	64-137				
1,2,4-Trimethylbenzene	51		"	50.0		102	84-125				
1,2-Dichlorobenzene	52		"	50.0		105	85-122				
1,2-Dichloroethane	51		"	50.0		101	71-133				
1,3,5-Trimethylbenzene	53		"	50.0		106	82-126				
1,3-Dichlorobenzene	49		"	50.0		98.1	84-124				
1,4-Dichlorobenzene	49		"	50.0		97.5	84-124				
1,4-Dioxane	1200		"	1050		112	10-228				
2-Butanone	43		"	50.0		85.3	58-147				
Acetone	33		"	50.0		65.3	36-155				
Benzene	50		"	50.0		100	77-127				
Carbon tetrachloride	53		"	50.0		105	66-143				
Chlorobenzene	54		"	50.0		107	86-120				
Chloroform	50		"	50.0		100	76-131				
cis-1,2-Dichloroethylene	50		"	50.0		99.8	74-132				
Ethyl Benzene	52		"	50.0		103	84-125				
Methyl tert-butyl ether (MTBE)	47		"	50.0		93.7	74-131				
Methylene chloride	49		"	50.0		98.7	57-141				
Naphthalene	49		"	50.0		98.2	86-141				
n-Butylbenzene	54		"	50.0		108	80-130				
n-Propylbenzene	53		"	50.0		105	74-136				
o-Xylene	52		"	50.0		104	83-123				
p- & m- Xylenes	110		"	100		108	82-128				
sec-Butylbenzene	53		"	50.0		105	83-125				
tert-Butylbenzene	44		"	50.0		87.9	80-127				
Tetrachloroethylene	44		"	50.0		88.3	80-129				
Toluene	51		"	50.0		103	85-121				
trans-1,2-Dichloroethylene	49		"	50.0		97.4	72-132				
Trichloroethylene	50		"	50.0		100	84-123				
Vinyl Chloride	80		"	50.0		160	52-130	High Bias			
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.5*		*"*	*50.0*		*101*	*77-125*				
Surrogate: SURR: Toluene-d8	*52.0*		*"*	*50.0*		*104*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*47.9*		*"*	*50.0*		*95.8*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK21367 - EPA 5035A											
LCS Dup (BK21367-BSD1)								Prepared & Analyzed: 11/30/2022			
1,1,1-Trichloroethane	50		ug/L	50.0		99.2	71-137		5.13	30	
1,1-Dichloroethane	46		"	50.0		91.0	75-130		3.26	30	
1,1-Dichloroethylene	47		"	50.0		93.0	64-137		6.37	30	
1,2,4-Trimethylbenzene	50		"	50.0		100	84-125		2.37	30	
1,2-Dichlorobenzene	51		"	50.0		103	85-122		1.91	30	
1,2-Dichloroethane	49		"	50.0		98.1	71-133		3.39	30	
1,3,5-Trimethylbenzene	52		"	50.0		103	82-126		2.16	30	
1,3-Dichlorobenzene	48		"	50.0		95.3	84-124		2.90	30	
1,4-Dichlorobenzene	48		"	50.0		96.1	84-124		1.49	30	
1,4-Dioxane	1100		"	1050		108	10-228		3.48	30	
2-Butanone	39		"	50.0		78.5	58-147		8.28	30	
Acetone	32		"	50.0		63.0	36-155		3.46	30	
Benzene	48		"	50.0		95.0	77-127		5.11	30	
Carbon tetrachloride	50		"	50.0		101	66-143		4.66	30	
Chlorobenzene	52		"	50.0		104	86-120		2.63	30	
Chloroform	48		"	50.0		96.1	76-131		4.44	30	
cis-1,2-Dichloroethylene	47		"	50.0		94.3	74-132		5.69	30	
Ethyl Benzene	51		"	50.0		101	84-125		1.94	30	
Methyl tert-butyl ether (MTBE)	46		"	50.0		91.4	74-131		2.49	30	
Methylene chloride	48		"	50.0		96.1	57-141		2.63	30	
Naphthalene	49		"	50.0		97.2	86-141		0.983	30	
n-Butylbenzene	53		"	50.0		105	80-130		2.49	30	
n-Propylbenzene	51		"	50.0		102	74-136		2.81	30	
o-Xylene	50		"	50.0		101	83-123		2.80	30	
p- & m- Xylenes	110		"	100		106	82-128		2.34	30	
sec-Butylbenzene	51		"	50.0		102	83-125		2.71	30	
tert-Butylbenzene	43		"	50.0		85.1	80-127		3.14	30	
Tetrachloroethylene	44		"	50.0		87.2	80-129		1.21	30	
Toluene	50		"	50.0		100	85-121		2.44	30	
trans-1,2-Dichloroethylene	47		"	50.0		94.6	72-132		2.89	30	
Trichloroethylene	49		"	50.0		98.5	84-123		1.83	30	
Vinyl Chloride	76		"	50.0		151	52-130	High Bias	5.53	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.6*		*"*	*50.0*		*99.2*	*77-125*				
Surrogate: SURR: Toluene-d8	*52.1*		*"*	*50.0*		*104*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.5*		*"*	*50.0*		*97.0*	*76-130*				

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 BL20064 - % Solids Prep											
Duplicate (BL20064-DUP1)	*Source sample: 22K1236-02 (Duplicate)								Prepared & Analyzed: 12/01/2022		
% Solids	92.2	0.100	%		93.2				1.00	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
22K1429-01	PCE-Q5 EP North	40mL Vial with Stir Bar-Cool 4° C
22K1429-02	PCE-Q5 EP West	40mL Vial with Stir Bar-Cool 4° C
22K1429-03	PCE-Q5 EP Bottom	40mL Vial with Stir Bar-Cool 4° C
22K1429-04	PCE-Q5 EP South	40mL Vial with Stir Bar-Cool 4° C
22K1429-05	PCE-Q5 EP East	40mL Vial with Stir Bar-Cool 4° C

Sample and Data Qualifiers Relating to This Work Order

J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
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.

York Analytical Laboratories, Inc.
120 Research Drive 132-02 89th Ave
Stratford, CT 06615 Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record

NOTE: 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. 22K1429

YOUR Information	Report To:	Invoice To:	Project #19-401	Turn-Around Time
Company: Laurel Environmental	Company: Laurel Environmental	Company: Laurel Environmental		RUSH - Next Day
Address: 53 W Hills Rd, Huntington Station, NY	Address: same	Address: Same		RUSH - Two Day X
			Project Name 27-09 40th Avenue, LIC, NY	RUSH - Three Day
Phone.: 631-673-0612	Phone.: 631-673-0612	Phone.: 631-673-0612 x205		RUSH - Four Day
Contact: Scott Yanuck	Contact: Jamie Burgher	Contact: Kathy Lobasso		Standard (5-7 Day)
E-mail: syanuck@laurelenv.com	E-mail: labresults@laurelenv.com	E-mail: payables@laurelenv.com	YOUR PO#: 19-401.9	

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

Samples Collected by: (print your name above and sign below)
Josh Yanuck Josh Yanuck

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

Samples From
New York X
New Jersey
Connecticut
Pennsylvania
Other

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

YORK Reg. Comp.
Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
PCE-Q5 EP West Sidewall	S	11/28/22 ~~1200~~	820 (11 29 22) 8260 Part 375 List	5035
PCE-Q5 EP South Sidewall	S	11/28/22 1215	8260 Part 375 List	5035
PCE-Q5 EP Bottom	S	11/28/22 1230	8260 Part 375 List	5035
PCE-Q5 EP East Sidewall	S	~~11/29/2022~~ 11/28/22 1800	8260 Part 375 List	5035
PCE-Q5 EP North Sidewall	S	11/29/2022	825 8260 Part 375 List	5035

Comments:

Preservation: (check all that apply)
HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other: _____

Special Instruction
Field Filtered ____
Lab to Filter ____

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Laurel	11/29/22 1055AM	KBarkyork	11/29/22 1055AM	KBarkyork	11/29/22 1930PM
Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
MAN YORK	11/29/22 15:30	MAN YORK	11/29/22		
Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temp. Received at Lab
				BC	11/30/22 630 / 6.2 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: 03/09/2023
Client Project ID: 27-09 40th Ave LIC, NY 19-401.3
York Project (SDG) No.: 23C0331

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

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: 03/09/2023
Client Project ID: 27-09 40th Ave LIC, NY 19-401.3
York Project (SDG) No.: 23C0331

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 March 07, 2023 and listed below. The project was identified as your project: **27-09 40th Ave LIC, NY 19-401.3**.

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
23C0331-01	SB-102-EP-B-1	Soil	03/06/2023	03/07/2023

General Notes for York Project (SDG) No.: 23C0331

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

Approved By: Cassie L. Mosher **Date:** 03/09/2023

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: SB-102-EP-B-1 **York Sample ID:** 23C0331-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0331	27-09 40th Ave LIC, NY 19-401.3	Soil	March 6, 2023 9:00 am	03/07/2023

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	2.6	5.2	1	EPA 8260C Certifications:	03/09/2023 09:00	03/09/2023 12:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/09/2023 09:00	03/09/2023 12:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/09/2023 09:00	03/09/2023 12:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/09/2023 09:00	03/09/2023 12:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/09/2023 09:00	03/09/2023 12:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/09/2023 09:00	03/09/2023 12:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/09/2023 09:00	03/09/2023 12:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/09/2023 09:00	03/09/2023 12:28 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/09/2023 09:00	03/09/2023 12:28 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/09/2023 09:00	03/09/2023 12:28 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/09/2023 09:00	03/09/2023 12:28	FTR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/09/2023 09:00	03/09/2023 12:28 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/09/2023 09:00	03/09/2023 12:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/09/2023 09:00	03/09/2023 12:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/09/2023 09:00	03/09/2023 12:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/09/2023 09:00	03/09/2023 12:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/09/2023 09:00	03/09/2023 12:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/09/2023 09:00	03/09/2023 12:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/09/2023 09:00	03/09/2023 12:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/09/2023 09:00	03/09/2023 12:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/09/2023 09:00	03/09/2023 12:28 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/09/2023 09:00	03/09/2023 12:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR

Sample Information

Client Sample ID: SB-102-EP-B-1 **York Sample ID:** 23C0331-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0331	27-09 40th Ave LIC, NY 19-401.3	Soil	March 6, 2023 9:00 am	03/07/2023

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
123-91-1	1,4-Dioxane	ND		ug/kg dry	52	100	1	EPA 8260C	03/09/2023 09:00	03/09/2023 12:28	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	03/09/2023 09:00	03/09/2023 12:28	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
78-93-3	2-Butanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	03/09/2023 09:00	03/09/2023 12:28	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
110-75-8	2-Chloroethylvinyl ether	ND		ug/kg dry	10	21	1	EPA 8260C	03/09/2023 09:00	03/09/2023 12:28	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	03/09/2023 09:00	03/09/2023 12:28	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
591-78-6	2-Hexanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	03/09/2023 09:00	03/09/2023 12:28	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	03/09/2023 09:00	03/09/2023 12:28	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	03/09/2023 09:00	03/09/2023 12:28	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-64-1	**Acetone**	**24**		ug/kg dry	5.2	10	1	EPA 8260C	03/09/2023 09:00	03/09/2023 12:28	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
107-02-8	Acrolein	ND		ug/kg dry	5.2	10	1	EPA 8260C	03/09/2023 09:00	03/09/2023 12:28	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-13-1	Acrylonitrile	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	03/09/2023 09:00	03/09/2023 12:28	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-43-2	Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	03/09/2023 09:00	03/09/2023 12:28	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-86-1	Bromobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	03/09/2023 09:00	03/09/2023 12:28	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	03/09/2023 09:00	03/09/2023 12:28	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	03/09/2023 09:00	03/09/2023 12:28	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	03/09/2023 09:00	03/09/2023 12:28	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-83-9	Bromomethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	03/09/2023 09:00	03/09/2023 12:28	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-15-0	Carbon disulfide	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	03/09/2023 09:00	03/09/2023 12:28	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	03/09/2023 09:00	03/09/2023 12:28	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	03/09/2023 09:00	03/09/2023 12:28	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-00-3	Chloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	03/09/2023 09:00	03/09/2023 12:28	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	03/09/2023 09:00	03/09/2023 12:28	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-87-3	Chloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	03/09/2023 09:00	03/09/2023 12:28	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: SB-102-EP-B-1 **York Sample ID:** 23C0331-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0331	27-09 40th Ave LIC, NY 19-401.3	Soil	March 6, 2023 9:00 am	03/07/2023

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
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/09/2023 09:00	03/09/2023 12:28	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/09/2023 09:00	03/09/2023 12:28	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-82-7	Cyclohexane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/09/2023 09:00	03/09/2023 12:28	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/09/2023 09:00	03/09/2023 12:28	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/09/2023 09:00	03/09/2023 12:28	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/09/2023 09:00	03/09/2023 12:28	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-20-3	* Diisopropyl ether (DIPE)	ND		ug/kg dry	4.2	8.3	1	EPA 8260C Certifications:	03/09/2023 09:00	03/09/2023 12:28	FTR
64-17-5	* Ethanol	ND		ug/kg dry	42	83	1	EPA 8260C Certifications:	03/09/2023 09:00	03/09/2023 12:28	FTR
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/09/2023 09:00	03/09/2023 12:28	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		ug/kg dry	4.2	8.3	1	EPA 8260C Certifications:	03/09/2023 09:00	03/09/2023 12:28	FTR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/09/2023 09:00	03/09/2023 12:28	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-88-4	* Iodomethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/09/2023 09:00	03/09/2023 12:28	FTR
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/09/2023 09:00	03/09/2023 12:28	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-20-9	**Methyl acetate**	**5.3**		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/09/2023 09:00	03/09/2023 12:28	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
80-62-6	Methyl Methacrylate	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/09/2023 09:00	03/09/2023 12:28	FTR NELAC-NY10854,NELAC-NY12058,NJDEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/09/2023 09:00	03/09/2023 12:28	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/09/2023 09:00	03/09/2023 12:28	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	Methylene chloride	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications:	03/09/2023 09:00	03/09/2023 12:28	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
91-20-3	Naphthalene	ND		ug/kg dry	2.6	10	1	EPA 8260C Certifications:	03/09/2023 09:00	03/09/2023 12:28	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/09/2023 09:00	03/09/2023 12:28	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/09/2023 09:00	03/09/2023 12:28	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/09/2023 09:00	03/09/2023 12:28	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications:	03/09/2023 09:00	03/09/2023 12:28	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP

Sample Information

Client Sample ID: SB-102-EP-B-1 **York Sample ID:** 23C0331-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0331	27-09 40th Ave LIC, NY 19-401.3	Soil	March 6, 2023 9:00 am	03/07/2023

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
105-05-5	* p-Diethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/09/2023 09:00	03/09/2023 12:28	FTR
622-96-8	* p-Ethyltoluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/09/2023 09:00	03/09/2023 12:28	FTR
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/09/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:28	FTR
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/09/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:28	FTR
100-42-5	Styrene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/09/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:28	FTR
75-85-4	* tert-Amyl alcohol (TAA)	ND		ug/kg dry	42	83	1	EPA 8260C Certifications:	03/09/2023 09:00	03/09/2023 12:28	FTR
994-05-8	* tert-Amyl methyl ether (TAME)	ND		ug/kg dry	4.2	8.3	1	EPA 8260C Certifications:	03/09/2023 09:00	03/09/2023 12:28	FTR
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/09/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/09/2023 12:28	FTR
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/09/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:28	FTR
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/09/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:28	FTR
109-99-9	* Tetrahydrofuran	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications:	03/09/2023 09:00	03/09/2023 12:28	FTR
108-88-3	Toluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/09/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:28	FTR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/09/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:28	FTR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/09/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:28	FTR
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/09/2023 09:00 CTDOH-PH-0723	03/09/2023 12:28	FTR
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/09/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:28	FTR
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/09/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:28	FTR
108-05-4	Vinyl acetate	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/09/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/09/2023 12:28	FTR
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	03/09/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:28	FTR
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.8	16	1	EPA 8260C Certifications:	03/09/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	03/09/2023 12:28	FTR

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*97.0 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.2 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*97.2 %*	*76-130*

Sample Information

Client Sample ID: SB-102-EP-B-1 **York Sample ID:** 23C0331-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0331	27-09 40th Ave LIC, NY 19-401.3	Soil	March 6, 2023 9:00 am	03/07/2023

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.7**		%	0.100	1	SM 2540G	03/09/2023 11:57	03/09/2023 15:56	LC
							Certifications:	CTDOH-PH-0723		

Analytical Batch Summary

Batch ID: BC30556 **Preparation Method:** EPA 5035A **Prepared By:** BMT

YORK Sample ID	Client Sample ID	Preparation Date
23C0331-01	SB-102-EP-B-1	03/09/23
BC30556-BLK1	Blank	03/09/23
BC30556-BLK2	Blank	03/09/23
BC30556-BS1	LCS	03/09/23
BC30556-BSD1	LCS Dup	03/09/23

Batch ID: BC30606 **Preparation Method:** % Solids Prep **Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date
23C0331-01	SB-102-EP-B-1	03/09/23
BC30606-DUP1	Duplicate	03/09/23

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 BC30556 - EPA 5035A											
Blank (BC30556-BLK1)											Prepared & Analyzed: 03/09/2023
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	"								
1,4-Dioxane	ND	100	"								
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	"								

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 BC30556 - EPA 5035A											
Blank (BC30556-BLK1)											
Prepared & Analyzed: 03/09/2023											
Dibromomethane	ND	5.0	ug/kg wet								
Dichlorodifluoromethane	ND	5.0	"								
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	5.0	"								
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	*43.7*		*ug/L*	*50.0*		*87.5*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.8*		*"*	*50.0*		*97.7*	*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. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BC30556 - EPA 5035A

Blank (BC30556-BLK2) Prepared & Analyzed: 03/09/2023

1,1,1,2-Tetrachloroethane	ND	500	ug/kg wet								
1,1,1-Trichloroethane	ND	500	"								
1,1,2,2-Tetrachloroethane	ND	500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	500	"								
1,1,2-Trichloroethane	ND	500	"								
1,1-Dichloroethane	ND	500	"								
1,1-Dichloroethylene	ND	500	"								
1,1-Dichloropropylene	ND	500	"								
1,2,3-Trichlorobenzene	ND	500	"								
1,2,3-Trichloropropane	ND	500	"								
1,2,4,5-Tetramethylbenzene	ND	500	"								
1,2,4-Trichlorobenzene	ND	500	"								
1,2,4-Trimethylbenzene	ND	500	"								
1,2-Dibromo-3-chloropropane	ND	500	"								
1,2-Dibromoethane	ND	500	"								
1,2-Dichlorobenzene	ND	500	"								
1,2-Dichloroethane	ND	500	"								
1,2-Dichloropropane	ND	500	"								
1,3,5-Trimethylbenzene	ND	500	"								
1,3-Dichlorobenzene	ND	500	"								
1,3-Dichloropropane	ND	500	"								
1,4-Dichlorobenzene	ND	500	"								
1,4-Dioxane	ND	10000	"								
2,2-Dichloropropane	ND	500	"								
2-Butanone	ND	500	"								
2-Chloroethylvinyl ether	ND	2000	"								
2-Chlorotoluene	ND	500	"								
2-Hexanone	ND	500	"								
4-Chlorotoluene	ND	500	"								
4-Methyl-2-pentanone	ND	500	"								
Acetone	ND	1000	"								
Acrolein	ND	1000	"								
Acrylonitrile	ND	500	"								
Benzene	ND	500	"								
Bromobenzene	ND	500	"								
Bromochloromethane	ND	500	"								
Bromodichloromethane	ND	500	"								
Bromoform	ND	500	"								
Bromomethane	ND	500	"								
Carbon disulfide	ND	500	"								
Carbon tetrachloride	ND	500	"								
Chlorobenzene	ND	500	"								
Chloroethane	ND	500	"								
Chloroform	ND	500	"								
Chloromethane	ND	500	"								
cis-1,2-Dichloroethylene	ND	500	"								
cis-1,3-Dichloropropylene	ND	500	"								
Cyclohexane	ND	500	"								
Dibromochloromethane	ND	500	"								
Dibromomethane	ND	500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30556 - EPA 5035A											
Blank (BC30556-BLK2)									Prepared & Analyzed: 03/09/2023		
Dichlorodifluoromethane	ND	500	ug/kg wet								
Diisopropyl ether (DIPE)	ND	800	"								
Ethanol	ND	8000	"								
Ethyl Benzene	ND	500	"								
Ethyl tert-butyl ether (ETBE)	ND	800	"								
Hexachlorobutadiene	ND	500	"								
Iodomethane	ND	500	"								
Isopropylbenzene	ND	500	"								
Methyl acetate	ND	500	"								
Methyl Methacrylate	ND	500	"								
Methyl tert-butyl ether (MTBE)	ND	500	"								
Methylcyclohexane	ND	500	"								
Methylene chloride	ND	1000	"								
Naphthalene	ND	1000	"								
n-Butylbenzene	ND	500	"								
n-Propylbenzene	ND	500	"								
o-Xylene	ND	500	"								
p- & m- Xylenes	ND	1000	"								
p-Diethylbenzene	ND	500	"								
p-Ethyltoluene	ND	500	"								
p-Isopropyltoluene	ND	500	"								
sec-Butylbenzene	ND	500	"								
Styrene	ND	500	"								
tert-Amyl alcohol (TAA)	ND	8000	"								
tert-Amyl methyl ether (TAME)	ND	800	"								
tert-Butyl alcohol (TBA)	ND	500	"								
tert-Butylbenzene	ND	500	"								
Tetrachloroethylene	ND	500	"								
Tetrahydrofuran	ND	1000	"								
Toluene	ND	500	"								
trans-1,2-Dichloroethylene	ND	500	"								
trans-1,3-Dichloropropylene	ND	500	"								
trans-1,4-dichloro-2-butene	ND	500	"								
Trichloroethylene	ND	500	"								
Trichlorofluoromethane	ND	500	"								
Vinyl acetate	ND	500	"								
Vinyl Chloride	ND	500	"								
Xylenes, Total	ND	1500	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*45.4*		*ug/L*	*50.0*		*90.7*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.8*		*"*	*50.0*		*97.6*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.0*		*"*	*50.0*		*99.9*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30556 - EPA 5035A											
LCS (BC30556-BS1)								Prepared & Analyzed: 03/09/2023			
1,1,1,2-Tetrachloroethane	41.9		ug/L	50.0		83.9	75-129				
1,1,1-Trichloroethane	41.5		"	50.0		83.0	71-137				
1,1,2,2-Tetrachloroethane	49.8		"	50.0		99.6	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	40.7		"	50.0		81.4	58-146				
1,1,2-Trichloroethane	47.2		"	50.0		94.4	83-123				
1,1-Dichloroethane	44.9		"	50.0		89.9	75-130				
1,1-Dichloroethylene	39.5		"	50.0		79.0	64-137				
1,1-Dichloropropylene	42.5		"	50.0		84.9	77-127				
1,2,3-Trichlorobenzene	47.2		"	50.0		94.5	81-140				
1,2,3-Trichloropropane	46.7		"	50.0		93.3	81-126				
1,2,4,5-Tetramethylbenzene	46.2		"	50.0		92.4	63-156				
1,2,4-Trichlorobenzene	47.6		"	50.0		95.3	80-141				
1,2,4-Trimethylbenzene	46.0		"	50.0		92.0	84-125				
1,2-Dibromo-3-chloropropane	37.6		"	50.0		75.1	74-142				
1,2-Dibromoethane	47.6		"	50.0		95.3	86-123				
1,2-Dichlorobenzene	47.0		"	50.0		94.0	85-122				
1,2-Dichloroethane	43.3		"	50.0		86.5	71-133				
1,2-Dichloropropane	47.6		"	50.0		95.3	81-122				
1,3,5-Trimethylbenzene	44.4		"	50.0		88.8	82-126				
1,3-Dichlorobenzene	47.0		"	50.0		94.0	84-124				
1,3-Dichloropropane	47.1		"	50.0		94.3	83-123				
1,4-Dichlorobenzene	46.5		"	50.0		92.9	84-124				
1,4-Dioxane	1080		"	1050		103	10-228				
2,2-Dichloropropane	41.4		"	50.0		82.8	67-136				
2-Butanone	48.3		"	50.0		96.7	58-147				
2-Chloroethylvinyl ether	54.7		"	50.0		109	10-166				
2-Chlorotoluene	45.3		"	50.0		90.7	78-127				
2-Hexanone	46.0		"	50.0		91.9	70-139				
4-Chlorotoluene	45.2		"	50.0		90.3	79-125				
4-Methyl-2-pentanone	47.5		"	50.0		95.0	72-132				
Acetone	27.8		"	50.0		55.6	36-155				
Acrolein	33.7		"	50.0		67.4	10-238				
Acrylonitrile	52.8		"	50.0		106	66-141				
Benzene	48.4		"	50.0		96.7	77-127				
Bromobenzene	45.2		"	50.0		90.3	77-129				
Bromochloromethane	47.3		"	50.0		94.7	74-129				
Bromodichloromethane	38.0		"	50.0		76.0	81-124	Low Bias			
Bromoform	34.6		"	50.0		69.1	80-136	Low Bias			
Bromomethane	39.8		"	50.0		79.5	32-177				
Carbon disulfide	39.5		"	50.0		79.0	10-136				
Carbon tetrachloride	39.1		"	50.0		78.3	66-143				
Chlorobenzene	48.1		"	50.0		96.2	86-120				
Chloroethane	44.4		"	50.0		88.8	51-142				
Chloroform	44.4		"	50.0		88.8	76-131				
Chloromethane	33.7		"	50.0		67.4	49-132				
cis-1,2-Dichloroethylene	45.0		"	50.0		89.9	74-132				
cis-1,3-Dichloropropylene	43.4		"	50.0		86.7	81-129				
Cyclohexane	50.5		"	50.0		101	70-130				
Dibromochloromethane	36.9		"	50.0		73.7	10-200				
Dibromomethane	43.9		"	50.0		87.7	83-124				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30556 - EPA 5035A											
LCS (BC30556-BS1)								Prepared & Analyzed: 03/09/2023			
Dichlorodifluoromethane	20.1		ug/L	50.0		40.1	28-158				
Diisopropyl ether (DIPE)	50.9		"	50.0		102	70-130				
Ethanol	ND	80	ug/kg wet				70-130				
Ethyl Benzene	44.6		ug/L	50.0		89.2	84-125				
Ethyl tert-butyl ether (ETBE)	48.3		"	50.0		96.6	70-130				
Hexachlorobutadiene	43.8		"	50.0		87.7	83-133				
Iodomethane	39.0		"	50.0		78.0	70-130				
Isopropylbenzene	46.4		"	50.0		92.7	81-127				
Methyl acetate	47.7		"	50.0		95.4	41-143				
Methyl Methacrylate	47.2		"	50.0		94.5	79-125				
Methyl tert-butyl ether (MTBE)	45.6		"	50.0		91.2	74-131				
Methylcyclohexane	43.0		"	50.0		86.0	70-130				
Methylene chloride	32.5		"	50.0		65.1	57-141				
Naphthalene	50.3		"	50.0		101	86-141				
n-Butylbenzene	44.2		"	50.0		88.4	80-130				
n-Propylbenzene	45.5		"	50.0		91.0	74-136				
o-Xylene	45.4		"	50.0		90.8	83-123				
p- & m- Xylenes	88.4		"	100		88.4	82-128				
p-Diethylbenzene	45.6		"	50.0		91.1	70-144				
p-Ethyltoluene	47.9		"	50.0		95.9	84-123				
p-Isopropyltoluene	44.6		"	50.0		89.2	85-125				
sec-Butylbenzene	45.9		"	50.0		91.8	83-125				
Styrene	47.0		"	50.0		94.0	86-126				
tert-Amyl alcohol (TAA)	484		"	500		96.8	70-130				
tert-Amyl methyl ether (TAME)	46.8		"	50.0		93.5	70-130				
tert-Butyl alcohol (TBA)	230		"	250		92.2	70-130				
tert-Butylbenzene	41.3		"	50.0		82.6	80-127				
Tetrachloroethylene	36.6		"	50.0		73.1	80-129	Low Bias			
Tetrahydrofuran	51.4		"	50.0		103	64-137				
Toluene	45.4		"	50.0		90.8	85-121				
trans-1,2-Dichloroethylene	44.9		"	50.0		89.8	72-132				
trans-1,3-Dichloropropylene	38.1		"	50.0		76.2	78-132	Low Bias			
trans-1,4-dichloro-2-butene	47.9		"	50.0		95.8	75-135				
Trichloroethylene	44.2		"	50.0		88.5	84-123				
Trichlorofluoromethane	36.3		"	50.0		72.7	62-140				
Vinyl acetate	54.1		"	50.0		108	67-136				
Vinyl Chloride	38.4		"	50.0		76.9	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*45.2*		*"*	*50.0*		*90.4*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.6*		*"*	*50.0*		*97.1*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.7*		*"*	*50.0*		*97.4*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30556 - EPA 5035A											
LCS Dup (BC30556-BSD1)								Prepared & Analyzed: 03/09/2023			
1,1,1,2-Tetrachloroethane	44.0		ug/L	50.0		88.0	75-129		4.80	30	
1,1,1-Trichloroethane	42.8		"	50.0		85.5	71-137		2.92	30	
1,1,2,2-Tetrachloroethane	50.4		"	50.0		101	79-129		1.16	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	41.7		"	50.0		83.4	58-146		2.40	30	
1,1,2-Trichloroethane	46.9		"	50.0		93.8	83-123		0.723	30	
1,1-Dichloroethane	45.7		"	50.0		91.5	75-130		1.76	30	
1,1-Dichloroethylene	40.9		"	50.0		81.8	64-137		3.46	30	
1,1-Dichloropropylene	43.4		"	50.0		86.9	77-127		2.28	30	
1,2,3-Trichlorobenzene	47.4		"	50.0		94.8	81-140		0.359	30	
1,2,3-Trichloropropane	46.9		"	50.0		93.7	81-126		0.449	30	
1,2,4,5-Tetramethylbenzene	47.3		"	50.0		94.7	63-156		2.42	30	
1,2,4-Trichlorobenzene	48.4		"	50.0		96.9	80-141		1.71	30	
1,2,4-Trimethylbenzene	47.2		"	50.0		94.4	84-125		2.55	30	
1,2-Dibromo-3-chloropropane	38.0		"	50.0		75.9	74-142		1.06	30	
1,2-Dibromoethane	46.9		"	50.0		93.8	86-123		1.54	30	
1,2-Dichlorobenzene	47.4		"	50.0		94.7	85-122		0.699	30	
1,2-Dichloroethane	43.3		"	50.0		86.5	71-133		0.00	30	
1,2-Dichloropropane	49.2		"	50.0		98.5	81-122		3.26	30	
1,3,5-Trimethylbenzene	46.0		"	50.0		92.1	82-126		3.63	30	
1,3-Dichlorobenzene	48.4		"	50.0		96.8	84-124		2.91	30	
1,3-Dichloropropane	46.9		"	50.0		93.8	83-123		0.447	30	
1,4-Dichlorobenzene	47.4		"	50.0		94.8	84-124		1.96	30	
1,4-Dioxane	1040		"	1050		99.5	10-228		3.37	30	
2,2-Dichloropropane	42.6		"	50.0		85.1	67-136		2.69	30	
2-Butanone	44.9		"	50.0		89.9	58-147		7.31	30	
2-Chloroethylvinyl ether	51.8		"	50.0		104	10-166		5.52	30	
2-Chlorotoluene	46.3		"	50.0		92.5	78-127		2.01	30	
2-Hexanone	44.4		"	50.0		88.8	70-139		3.52	30	
4-Chlorotoluene	46.8		"	50.0		93.5	79-125		3.44	30	
4-Methyl-2-pentanone	46.6		"	50.0		93.2	72-132		1.91	30	
Acetone	26.4		"	50.0		52.8	36-155		5.05	30	
Acrolein	34.3		"	50.0		68.7	10-238		1.94	30	
Acrylonitrile	53.5		"	50.0		107	66-141		1.26	30	
Benzene	48.8		"	50.0		97.7	77-127		1.01	30	
Bromobenzene	46.7		"	50.0		93.4	77-129		3.35	30	
Bromochloromethane	47.6		"	50.0		95.2	74-129		0.506	30	
Bromodichloromethane	38.2		"	50.0		76.4	81-124	Low Bias	0.472	30	
Bromoform	33.9		"	50.0		67.8	80-136	Low Bias	1.84	30	
Bromomethane	40.6		"	50.0		81.2	32-177		2.11	30	
Carbon disulfide	41.2		"	50.0		82.3	10-136		4.04	30	
Carbon tetrachloride	40.0		"	50.0		80.1	66-143		2.30	30	
Chlorobenzene	49.7		"	50.0		99.3	86-120		3.23	30	
Chloroethane	45.4		"	50.0		90.8	51-142		2.29	30	
Chloroform	45.1		"	50.0		90.2	76-131		1.56	30	
Chloromethane	33.9		"	50.0		67.8	49-132		0.562	30	
cis-1,2-Dichloroethylene	45.7		"	50.0		91.3	74-132		1.57	30	
cis-1,3-Dichloropropylene	43.8		"	50.0		87.5	81-129		0.872	30	
Cyclohexane	52.0		"	50.0		104	70-130		3.02	30	
Dibromochloromethane	37.5		"	50.0		74.9	10-200		1.59	30	
Dibromomethane	43.9		"	50.0		87.7	83-124		0.0228	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30556 - EPA 5035A											
LCS Dup (BC30556-BSD1)								Prepared & Analyzed: 03/09/2023			
Dichlorodifluoromethane	21.4		ug/L	50.0		42.8	28-158		6.37	30	
Diisopropyl ether (DIPE)	51.1		"	50.0		102	70-130		0.451	30	
Ethanol	ND	80	ug/kg wet				70-130			30	
Ethyl Benzene	45.6		ug/L	50.0		91.2	84-125		2.24	30	
Ethyl tert-butyl ether (ETBE)	48.8		"	50.0		97.6	70-130		0.947	30	
Hexachlorobutadiene	44.6		"	50.0		89.1	83-133		1.63	30	
Iodomethane	42.3		"	50.0		84.5	70-130		8.02	30	
Isopropylbenzene	48.3		"	50.0		96.6	81-127		4.14	30	
Methyl acetate	45.7		"	50.0		91.3	41-143		4.37	30	
Methyl Methacrylate	47.2		"	50.0		94.4	79-125		0.0423	30	
Methyl tert-butyl ether (MTBE)	45.1		"	50.0		90.2	74-131		1.08	30	
Methylcyclohexane	44.6		"	50.0		89.1	70-130		3.61	30	
Methylene chloride	33.2		"	50.0		66.4	57-141		2.04	30	
Naphthalene	49.5		"	50.0		99.0	86-141		1.64	30	
n-Butylbenzene	46.1		"	50.0		92.2	80-130		4.14	30	
n-Propylbenzene	47.7		"	50.0		95.5	74-136		4.81	30	
o-Xylene	46.5		"	50.0		93.0	83-123		2.44	30	
p- & m- Xylenes	91.4		"	100		91.4	82-128		3.34	30	
p-Diethylbenzene	47.8		"	50.0		95.5	70-144		4.74	30	
p-Ethyltoluene	49.9		"	50.0		99.7	84-123		3.93	30	
p-Isopropyltoluene	46.5		"	50.0		92.9	85-125		4.11	30	
sec-Butylbenzene	47.8		"	50.0		95.5	83-125		3.99	30	
Styrene	48.1		"	50.0		96.2	86-126		2.31	30	
tert-Amyl alcohol (TAA)	485		"	500		97.0	70-130		0.128	30	
tert-Amyl methyl ether (TAME)	46.9		"	50.0		93.7	70-130		0.214	30	
tert-Butyl alcohol (TBA)	224		"	250		89.6	70-130		2.83	30	
tert-Butylbenzene	42.9		"	50.0		85.9	80-127		3.85	30	
Tetrachloroethylene	38.2		"	50.0		76.5	80-129	Low Bias	4.49	30	
Tetrahydrofuran	49.9		"	50.0		99.9	64-137		2.84	30	
Toluene	46.5		"	50.0		93.0	85-121		2.35	30	
trans-1,2-Dichloroethylene	45.7		"	50.0		91.4	72-132		1.72	30	
trans-1,3-Dichloropropylene	38.3		"	50.0		76.5	78-132	Low Bias	0.393	30	
trans-1,4-dichloro-2-butene	48.2		"	50.0		96.3	75-135		0.541	30	
Trichloroethylene	45.0		"	50.0		90.1	84-123		1.79	30	
Trichlorofluoromethane	37.8		"	50.0		75.6	62-140		3.91	30	
Vinyl acetate	52.6		"	50.0		105	67-136		2.74	30	
Vinyl Chloride	39.4		"	50.0		78.8	52-130		2.42	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*44.4*		*"*	*50.0*		*88.8*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.0*		*"*	*50.0*		*98.0*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.8*		*"*	*50.0*		*99.7*	*76-130*				

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 BC30606 - % Solids Prep											
Duplicate (BC30606-DUP1)	*Source sample: 23C0295-05 (Duplicate)							Prepared & Analyzed: 03/09/2023			
% Solids	84.0	0.100	%		84.9				1.10	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
23C0331-01	SB-102-EP-B-1	40mL Vial with Stir Bar-Cool 4° C

Sample and Data Qualifiers Relating to This Work Order

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.

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 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. 23C0331

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

Page 1 of 1

YOUR Information	Report To:	Invoice To:
Company: Laurel Environmental	Company:	Company:
Address: 53 W. Hills Rd, Huntington Sta., 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: 19-401.3

YOUR Project Name: 27-09 40th Ave, LIC, NY

YOUR PO#:

Turn-Around Time

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

PFAS Standard is 7-10 Days

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

Samples Collected by: (print AND sign your name) Jamie Bungher

Matrix Codes

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

Samples From

New York X
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-102-EP-B-1	S	3/6/23 0900	8260	(4) 40mL	

Comments:

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

Preservation: (check all that apply)

HCl ____ MeOH ____ HNO3 ____ H2SO4 ____ NaOH ____
ZnAc ____ Ascorbic Acid ____ Other: ____

Special Instruction

Field Filtered
Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
	3/7/23 0900	KBlackyak	3/7/23 12PM	KBlackyak	3/7/23 1745
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
3. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				KBlackyak	3/7/23 1745 / 2.1 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: 01/17/2023
Client Project ID: 27-09 40th Ave LIC NY 19-401
York Project (SDG) No.: 23A0498

Report Date: 01/17/2023
Client Project ID: 27-09 40th Ave LIC NY 19-401
York Project (SDG) No.: 23A0498

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 January 11, 2023 and listed below. The project was identified as your project: **27-09 40th Ave LIC NY 19-401**.

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
23A0498-01	SB-102 EP SW N1	Soil	01/10/2023	01/11/2023
23A0498-02	SB-102 EP SW N2	Soil	01/10/2023	01/11/2023
23A0498-03	SB-102 EP SW E1	Soil	01/10/2023	01/11/2023
23A0498-04	SB-102 EP SW E2	Soil	01/10/2023	01/11/2023
23A0498-05	SB-102 EP SW S	Soil	01/10/2023	01/11/2023
23A0498-06	SB-102 EP SW W	Soil	01/10/2023	01/11/2023

General Notes for York Project (SDG) No.: 23A0498

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

Approved By:  **Date:** 01/17/2023

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: SB-102 EP SW N1 **York Sample ID:** 23A0498-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0498	27-09 40th Ave LIC NY 19-401	Soil	January 10, 2023 12:20 pm	01/11/2023

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:28 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:28 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:28 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:28 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:28 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.057	0.11	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:28 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR

Sample Information

Client Sample ID: SB-102 EP SW N1 **York Sample ID:** 23A0498-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0498	27-09 40th Ave LIC NY 19-401	Soil	January 10, 2023 12:20 pm	01/11/2023

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		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/13/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP	01/13/2023 15:28	FTR
78-93-3	2-Butanone	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2023 15:28	FTR
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2023 15:28	FTR
591-78-6	2-Hexanone	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2023 15:28	FTR
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2023 15:28	FTR
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2023 15:28	FTR
67-64-1	Acetone	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C Certifications:	01/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2023 15:28	FTR
107-02-8	Acrolein	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C Certifications:	01/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2023 15:28	FTR
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2023 15:28	FTR
71-43-2	Benzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2023 15:28	FTR
108-86-1	Bromobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/13/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/13/2023 15:28	FTR
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/13/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/13/2023 15:28	FTR
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2023 15:28	FTR
75-25-2	Bromoform	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2023 15:28	FTR
74-83-9	Bromomethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2023 15:28	FTR
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2023 15:28	FTR
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2023 15:28	FTR
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2023 15:28	FTR
75-00-3	Chloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2023 15:28	FTR
67-66-3	Chloroform	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2023 15:28	FTR
74-87-3	Chloromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2023 15:28	FTR
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2023 15:28	FTR
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2023 15:28	FTR

Sample Information

Client Sample ID: **SB-102 EP SW N1** **York Sample ID:** **23A0498-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0498	27-09 40th Ave LIC NY 19-401	Soil	January 10, 2023 12:20 pm	01/11/2023

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
110-82-7	Cyclohexane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/13/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/13/2023 15:28	FTR
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/13/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/13/2023 15:28	FTR
74-95-3	Dibromomethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/13/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/13/2023 15:28	FTR
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/13/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/13/2023 15:28	FTR
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2023 15:28	FTR
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/13/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/13/2023 15:28	FTR
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2023 15:28	FTR
79-20-9	Methyl acetate	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/13/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/13/2023 15:28	FTR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2023 15:28	FTR
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/13/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/13/2023 15:28	FTR
75-09-2	Methylene chloride	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C Certifications:	01/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2023 15:28	FTR
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2023 15:28	FTR
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2023 15:28	FTR
95-47-6	o-Xylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	01/13/2023 15:28	FTR
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C Certifications:	01/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	01/13/2023 15:28	FTR
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2023 15:28	FTR
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2023 15:28	FTR
100-42-5	Styrene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2023 15:28	FTR
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/13/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/13/2023 15:28	FTR
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2023 15:28	FTR
127-18-4	**Tetrachloroethylene**	**0.0073**		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	01/13/2023 15:28	FTR
108-88-3	Toluene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2023 15:28	FTR
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2023 15:28	FTR

Sample Information

Client Sample ID: SB-102 EP SW N1 **York Sample ID:** 23A0498-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0498	27-09 40th Ave LIC NY 19-401	Soil	January 10, 2023 12:20 pm	01/11/2023

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
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	01/13/2023 09:00	01/13/2023 15:28	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	01/13/2023 09:00	01/13/2023 15:28	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	01/13/2023 09:00	01/13/2023 15:28	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	01/13/2023 09:00	01/13/2023 15:28	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	01/13/2023 09:00	01/13/2023 15:28	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0085	0.017	1	EPA 8260C	01/13/2023 09:00	01/13/2023 15:28	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*97.1 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.7 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*108 %*	*76-130*

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**92.0**		%	0.100	1	SM 2540G	01/13/2023 19:08	01/13/2023 21:11	AGNR
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB-102 EP SW N2 **York Sample ID:** 23A0498-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0498	27-09 40th Ave LIC NY 19-401	Soil	January 10, 2023 12:15 pm	01/11/2023

VOA, 8260 MASTER

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/13/2023 09:00	01/13/2023 15:55	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/13/2023 09:00	01/13/2023 15:55	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: **SB-102 EP SW N2** **York Sample ID:** **23A0498-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0498	27-09 40th Ave LIC NY 19-401	Soil	January 10, 2023 12:15 pm	01/11/2023

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
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:55	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:55	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:55	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:55	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:55	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:55	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:55	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:55	FTR NELAC-NY10854,NELAC-NY12058,NJDEP
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:55	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:55	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:55	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:55	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:55	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:55	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:55	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	**1,3,5-Trimethylbenzene**	**0.0026**	J	mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:55	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:55	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:55	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:55	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.048	0.096	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:55	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:55	FTR NELAC-NY10854,NELAC-NY12058,NJDEP
78-93-3	2-Butanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:55	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:55	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: SB-102 EP SW N2 **York Sample ID:** 23A0498-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0498	27-09 40th Ave LIC NY 19-401	Soil	January 10, 2023 12:15 pm	01/11/2023

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:55	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:55	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:55	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	Acetone	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:55	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-02-8	Acrolein	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:55	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:55	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:55	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-86-1	Bromobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:55	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:55	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:55	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:55	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:55	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:55	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:55	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:55	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:55	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:55	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:55	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:55	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:55	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-82-7	Cyclohexane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:55	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:55	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:55	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: SB-102 EP SW N2 **York Sample ID:** 23A0498-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0498	27-09 40th Ave LIC NY 19-401	Soil	January 10, 2023 12:15 pm	01/11/2023

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
79-20-9	Methyl acetate	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-09-2	Methylene chloride	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
95-47-6	o-Xylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	FTR
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	FTR
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
100-42-5	Styrene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
127-18-4	**Tetrachloroethylene**	**0.071**		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	FTR
108-88-3	Toluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 15:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR

Sample Information

Client Sample ID: SB-102 EP SW N2 **York Sample ID:** 23A0498-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0498	27-09 40th Ave LIC NY 19-401	Soil	January 10, 2023 12:15 pm	01/11/2023

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
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/13/2023 09:00	01/13/2023 15:55	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/13/2023 09:00	01/13/2023 15:55	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0072	0.014	1	EPA 8260C	01/13/2023 09:00	01/13/2023 15:55	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	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*	*95.5 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*105 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**92.0**		%	0.100	1	SM 2540G	01/13/2023 19:08	01/13/2023 21:11	AGNR
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB-102 EP SW E1 **York Sample ID:** 23A0498-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0498	27-09 40th Ave LIC NY 19-401	Soil	January 10, 2023 12:10 pm	01/11/2023

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	01/16/2023 09:00	01/16/2023 13:43	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	01/16/2023 09:00	01/16/2023 13:43	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	01/16/2023 09:00	01/16/2023 13:43	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	01/16/2023 09:00	01/16/2023 13:43	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	01/16/2023 09:00	01/16/2023 13:43	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: SB-102 EP SW E1 **York Sample ID:** 23A0498-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0498	27-09 40th Ave LIC NY 19-401	Soil	January 10, 2023 12:10 pm	01/11/2023

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:43	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:43	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:43	FTR NELAC-NY10854,NELAC-NY12058,NJDEP
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:43	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:43	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.053	0.11	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:43	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:43	FTR NELAC-NY10854,NELAC-NY12058,NJDEP
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: SB-102 EP SW E1 **York Sample ID:** 23A0498-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0498	27-09 40th Ave LIC NY 19-401	Soil	January 10, 2023 12:10 pm	01/11/2023

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
67-64-1	Acetone	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-02-8	Acrolein	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-86-1	Bromobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:43	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:43	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:43	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:43	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:43	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:43	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:43	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: SB-102 EP SW E1 **York Sample ID:** 23A0498-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0498	27-09 40th Ave LIC NY 19-401	Soil	January 10, 2023 12:10 pm	01/11/2023

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
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:43	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:43	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	Methylene chloride	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:43	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
127-18-4	**Tetrachloroethylene**	**0.0028**	J	mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:43	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0079	0.016	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB-102 EP SW E1 **York Sample ID:** 23A0498-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0498	27-09 40th Ave LIC NY 19-401	Soil	January 10, 2023 12:10 pm	01/11/2023

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
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*98.9 %*			*77-125*						
2037-26-5	*Surrogate: SURR: Toluene-d8*	*91.9 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*105 %*			*76-130*						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**87.8**		%	0.100	1	SM 2540G	01/13/2023 19:08	01/13/2023 21:11	AGNR
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: SB-102 EP SW E2 **York Sample ID:** 23A0498-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0498	27-09 40th Ave LIC NY 19-401	Soil	January 10, 2023 12:05 pm	01/11/2023

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	01/13/2023 09:00	01/13/2023 16:49	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	01/13/2023 09:00	01/13/2023 16:49	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	01/13/2023 09:00	01/13/2023 16:49	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	01/13/2023 09:00	01/13/2023 16:49	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	01/13/2023 09:00	01/13/2023 16:49	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	01/13/2023 09:00	01/13/2023 16:49	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	01/13/2023 09:00	01/13/2023 16:49	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	01/13/2023 09:00	01/13/2023 16:49	FTR
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	01/13/2023 09:00	01/13/2023 16:49	FTR
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			

Sample Information

Client Sample ID: SB-102 EP SW E2 **York Sample ID:** 23A0498-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0498	27-09 40th Ave LIC NY 19-401	Soil	January 10, 2023 12:05 pm	01/11/2023

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
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 16:49 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 16:49 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 16:49 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 16:49 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 16:49 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 16:49 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 16:49 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 16:49 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 16:49 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 16:49 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 16:49 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 16:49 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.053	0.11	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 16:49 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 16:49 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 16:49 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 16:49 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
591-78-6	2-Hexanone	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 16:49 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 16:49 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 16:49 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
67-64-1	Acetone	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 16:49 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
107-02-8	Acrolein	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 16:49 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 16:49 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 16:49 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR

Sample Information

Client Sample ID: SB-102 EP SW E2 **York Sample ID:** 23A0498-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0498	27-09 40th Ave LIC NY 19-401	Soil	January 10, 2023 12:05 pm	01/11/2023

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
108-86-1	Bromobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	01/13/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/13/2023 16:49	FTR
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	01/13/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/13/2023 16:49	FTR
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	01/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2023 16:49	FTR
75-25-2	Bromoform	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	01/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2023 16:49	FTR
74-83-9	Bromomethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	01/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2023 16:49	FTR
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	01/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2023 16:49	FTR
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	01/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2023 16:49	FTR
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	01/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2023 16:49	FTR
75-00-3	Chloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	01/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2023 16:49	FTR
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	01/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2023 16:49	FTR
74-87-3	Chloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	01/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2023 16:49	FTR
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	01/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2023 16:49	FTR
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	01/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2023 16:49	FTR
110-82-7	Cyclohexane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	01/13/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/13/2023 16:49	FTR
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	01/13/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/13/2023 16:49	FTR
74-95-3	Dibromomethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	01/13/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/13/2023 16:49	FTR
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	01/13/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/13/2023 16:49	FTR
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	01/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2023 16:49	FTR
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	01/13/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/13/2023 16:49	FTR
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	01/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2023 16:49	FTR
79-20-9	Methyl acetate	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	01/13/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/13/2023 16:49	FTR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	01/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2023 16:49	FTR
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	01/13/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/13/2023 16:49	FTR

Sample Information

Client Sample ID: SB-102 EP SW E2 **York Sample ID:** 23A0498-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0498	27-09 40th Ave LIC NY 19-401	Soil	January 10, 2023 12:05 pm	01/11/2023

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 16:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 16:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 16:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 16:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 16:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 16:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 16:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-42-5	Styrene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 16:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 16:49	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 16:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
127-18-4	**Tetrachloroethylene**	**0.0045**	J	mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 16:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
108-88-3	**Toluene**	**0.0046**	J	mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 16:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 16:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 16:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 16:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 16:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 16:49	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 16:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0080	0.016	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 16:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*96.9 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.9 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*109 %*	*76-130*

Sample Information

Client Sample ID: SB-102 EP SW E2 **York Sample ID:** 23A0498-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0498	27-09 40th Ave LIC NY 19-401	Soil	January 10, 2023 12:05 pm	01/11/2023

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**	**91.7**		%	0.100	1	SM 2540G	01/13/2023 19:08	01/13/2023 21:11	AGNR
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: SB-102 EP SW S **York Sample ID:** 23A0498-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0498	27-09 40th Ave LIC NY 19-401	Soil	January 10, 2023 11:55 am	01/11/2023

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	01/16/2023 09:00	01/16/2023 14:37	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	01/16/2023 09:00	01/16/2023 14:37	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	01/16/2023 09:00	01/16/2023 14:37	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	01/16/2023 09:00	01/16/2023 14:37	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	01/16/2023 09:00	01/16/2023 14:37	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	01/16/2023 09:00	01/16/2023 14:37	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	01/16/2023 09:00	01/16/2023 14:37	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	01/16/2023 09:00	01/16/2023 14:37	FTR
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	01/16/2023 09:00	01/16/2023 14:37	FTR
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	01/16/2023 09:00	01/16/2023 14:37	FTR
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	01/16/2023 09:00	01/16/2023 14:37	FTR
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	01/16/2023 09:00	01/16/2023 14:37	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	01/16/2023 09:00	01/16/2023 14:37	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	01/16/2023 09:00	01/16/2023 14:37	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			

Sample Information

Client Sample ID: SB-102 EP SW S

York Sample ID: 23A0498-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0498	27-09 40th Ave LIC NY 19-401	Soil	January 10, 2023 11:55 am	01/11/2023

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
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 14:37	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 14:37	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 14:37	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 14:37	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 14:37	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 14:37	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 14:37	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.052	0.10	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 14:37	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 14:37	FTR NELAC-NY10854,NELAC-NY12058,NJDEP
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 14:37	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 14:37	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 14:37	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 14:37	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 14:37	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	Acetone	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 14:37	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-02-8	Acrolein	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 14:37	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 14:37	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 14:37	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-86-1	Bromobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 14:37	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 14:37	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 14:37	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 14:37	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 14:37	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: **SB-102 EP SW S** **York Sample ID:** **23A0498-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0498	27-09 40th Ave LIC NY 19-401	Soil	January 10, 2023 11:55 am	01/11/2023

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 14:37	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 14:37	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 14:37	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 14:37	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 14:37	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 14:37	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 14:37	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 14:37	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 14:37	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 14:37	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 14:37	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 14:37	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 14:37	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 14:37	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 14:37	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 14:37	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 14:37	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 14:37	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	Methylene chloride	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 14:37	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 14:37	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 14:37	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 14:37	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 14:37	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP

Sample Information

Client Sample ID: **SB-102 EP SW S** **York Sample ID:** **23A0498-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0498	27-09 40th Ave LIC NY 19-401	Soil	January 10, 2023 11:55 am	01/11/2023

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
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	01/16/2023 09:00	01/16/2023 14:37	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	01/16/2023 09:00	01/16/2023 14:37	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	01/16/2023 09:00	01/16/2023 14:37	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	01/16/2023 09:00	01/16/2023 14:37	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	01/16/2023 09:00	01/16/2023 14:37	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
127-18-4	**Tetrachloroethylene**	**0.0087**		mg/kg dry	0.0026	0.0052	1	EPA 8260C	01/16/2023 09:00	01/16/2023 14:37	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	01/16/2023 09:00	01/16/2023 14:37	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	01/16/2023 09:00	01/16/2023 14:37	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	01/16/2023 09:00	01/16/2023 14:37	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	01/16/2023 09:00	01/16/2023 14:37	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	01/16/2023 09:00	01/16/2023 14:37	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	01/16/2023 09:00	01/16/2023 14:37	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	01/16/2023 09:00	01/16/2023 14:37	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0079	0.016	1	EPA 8260C	01/16/2023 09:00	01/16/2023 14:37	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*98.4 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*92.7 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*105 %*	*76-130*

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**92.9**		%	0.100	1	SM 2540G	01/13/2023 19:08	01/13/2023 21:11	AGNR
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **SB-102 EP SW W** **York Sample ID:** **23A0498-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0498	27-09 40th Ave LIC NY 19-401	Soil	January 10, 2023 12:00 pm	01/11/2023

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 17:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 17:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 17:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 17:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 17:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 17:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 17:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 17:43	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 17:43	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 17:43	FTR NELAC-NY10854,NELAC-NY12058,NJDEP
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 17:43	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 17:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 17:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 17:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 17:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 17:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 17:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 17:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 17:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 17:43	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 17:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.059	0.12	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 17:43	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 17:43	FTR NELAC-NY10854,NELAC-NY12058,NJDEP

Sample Information

Client Sample ID: SB-102 EP SW W

York Sample ID: 23A0498-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0498	27-09 40th Ave LIC NY 19-401	Soil	January 10, 2023 12:00 pm	01/11/2023

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
78-93-3	2-Butanone	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 17:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 17:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
591-78-6	2-Hexanone	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 17:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 17:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 17:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	Acetone	ND		mg/kg dry	0.0059	0.012	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 17:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-02-8	Acrolein	ND		mg/kg dry	0.0059	0.012	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 17:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 17:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 17:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-86-1	Bromobenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 17:43	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 17:43	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 17:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 17:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 17:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 17:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 17:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 17:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 17:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 17:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 17:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 17:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 17:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-82-7	Cyclohexane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	01/13/2023 09:00	01/13/2023 17:43	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: **SB-102 EP SW W** **York Sample ID:** **23A0498-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0498	27-09 40th Ave LIC NY 19-401	Soil	January 10, 2023 12:00 pm	01/11/2023

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		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	01/13/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/13/2023 17:43	FTR
74-95-3	Dibromomethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	01/13/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/13/2023 17:43	FTR
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	01/13/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/13/2023 17:43	FTR
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	01/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2023 17:43	FTR
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	01/13/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/13/2023 17:43	FTR
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	01/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2023 17:43	FTR
79-20-9	Methyl acetate	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	01/13/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/13/2023 17:43	FTR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	01/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2023 17:43	FTR
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	01/13/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/13/2023 17:43	FTR
75-09-2	Methylene chloride	ND		mg/kg dry	0.0059	0.012	1	EPA 8260C Certifications:	01/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2023 17:43	FTR
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	01/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2023 17:43	FTR
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	01/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2023 17:43	FTR
95-47-6	o-Xylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	01/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	01/13/2023 17:43	FTR
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0059	0.012	1	EPA 8260C Certifications:	01/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	01/13/2023 17:43	FTR
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	01/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2023 17:43	FTR
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	01/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2023 17:43	FTR
100-42-5	Styrene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	01/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2023 17:43	FTR
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	01/13/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/13/2023 17:43	FTR
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	01/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2023 17:43	FTR
127-18-4	**Tetrachloroethylene**	**0.012**		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	01/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	01/13/2023 17:43	FTR
108-88-3	Toluene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	01/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2023 17:43	FTR
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	01/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2023 17:43	FTR
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C Certifications:	01/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/13/2023 17:43	FTR

Sample Information

Client Sample ID: SB-102 EP SW W

York Sample ID: 23A0498-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0498	27-09 40th Ave LIC NY 19-401	Soil	January 10, 2023 12:00 pm	01/11/2023

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
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	01/13/2023 09:00	01/13/2023 17:43	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	01/13/2023 09:00	01/13/2023 17:43	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	01/13/2023 09:00	01/13/2023 17:43	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	01/13/2023 09:00	01/13/2023 17:43	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0088	0.018	1	EPA 8260C	01/13/2023 09:00	01/13/2023 17:43	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*98.0 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*93.8 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*105 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**95.5**		%	0.100	1	SM 2540G	01/13/2023 19:08	01/13/2023 21:11	AGNR
							Certifications:	CTDOH-PH-0723		

Analytical Batch Summary

Batch ID: BA30629 **Preparation Method:** EPA 5035A **Prepared By:** FTR

YORK Sample ID	Client Sample ID	Preparation Date
23A0498-01	SB-102 EP SW N1	01/13/23
23A0498-02	SB-102 EP SW N2	01/13/23
23A0498-04	SB-102 EP SW E2	01/13/23
23A0498-06	SB-102 EP SW W	01/13/23
BA30629-BLK1	Blank	01/13/23
BA30629-BLK2	Blank	01/13/23
BA30629-BS1	LCS	01/13/23
BA30629-BSD1	LCS Dup	01/13/23
BA30629-MS1	Matrix Spike	01/13/23
BA30629-MSD1	Matrix Spike Dup	01/13/23

Batch ID: BA30667 **Preparation Method:** % Solids Prep **Prepared By:** AGNR

YORK Sample ID	Client Sample ID	Preparation Date
23A0498-01	SB-102 EP SW N1	01/13/23
23A0498-02	SB-102 EP SW N2	01/13/23
23A0498-03	SB-102 EP SW E1	01/13/23
23A0498-04	SB-102 EP SW E2	01/13/23
23A0498-05	SB-102 EP SW S	01/13/23
23A0498-06	SB-102 EP SW W	01/13/23
BA30667-DUP1	Duplicate	01/13/23

Batch ID: BA30699 **Preparation Method:** EPA 5035A **Prepared By:** FTR

YORK Sample ID	Client Sample ID	Preparation Date
23A0498-03	SB-102 EP SW E1	01/16/23
23A0498-05	SB-102 EP SW S	01/16/23
BA30699-BLK1	Blank	01/16/23
BA30699-BLK2	Blank	01/16/23
BA30699-BS1	LCS	01/16/23
BA30699-BSD1	LCS Dup	01/16/23
BA30699-MS1	Matrix Spike	01/16/23

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 BA30629 - EPA 5035A											
Blank (BA30629-BLK1)											Prepared & Analyzed: 01/13/2023
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,1-Dichloropropylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,3-Dichloropropane	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2,2-Dichloropropane	ND	0.0050	"								
2-Butanone	ND	0.0050	"								
2-Chlorotoluene	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Chlorotoluene	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromobenzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	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 BA30629 - EPA 5035A											
Blank (BA30629-BLK1)											Prepared & Analyzed: 01/13/2023
Ethyl Benzene	ND	0.0050	mg/kg wet								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl acetate	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.1*		*ug/L*	*50.0*		*96.1*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.7*		*"*	*50.0*		*95.4*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*53.7*		*"*	*50.0*		*107*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30629 - EPA 5035A											
Blank (BA30629-BLK2)											Prepared & Analyzed: 01/13/2023
1,1,1,2-Tetrachloroethane	ND	0.50	mg/kg wet								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	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	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	10	"								
2,2-Dichloropropane	ND	0.50	"								
2-Butanone	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	1.0	"								
Acrolein	ND	1.0	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromobenzene	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	"								

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 BA30629 - EPA 5035A											
Blank (BA30629-BLK2)											Prepared & Analyzed: 01/13/2023
Hexachlorobutadiene	ND	0.50	mg/kg wet								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	1.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl acetate	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*46.6*		*ug/L*	*50.0*		*93.2*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.2*		*"*	*50.0*		*96.3*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*53.4*		*"*	*50.0*		*107*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30629 - EPA 5035A											
LCS (BA30629-BS1)								Prepared & Analyzed: 01/13/2023			
1,1,1,2-Tetrachloroethane	44.5		ug/L	50.0		89.0	75-129				
1,1,1-Trichloroethane	52.0		"	50.0		104	71-137				
1,1,2,2-Tetrachloroethane	45.8		"	50.0		91.7	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	54.0		"	50.0		108	58-146				
1,1,2-Trichloroethane	45.6		"	50.0		91.1	83-123				
1,1-Dichloroethane	50.1		"	50.0		100	75-130				
1,1-Dichloroethylene	53.9		"	50.0		108	64-137				
1,1-Dichloropropylene	49.1		"	50.0		98.2	77-127				
1,2,3-Trichlorobenzene	43.6		"	50.0		87.2	81-140				
1,2,3-Trichloropropane	43.8		"	50.0		87.5	81-126				
1,2,4-Trichlorobenzene	44.8		"	50.0		89.7	80-141				
1,2,4-Trimethylbenzene	45.5		"	50.0		91.0	84-125				
1,2-Dibromo-3-chloropropane	39.0		"	50.0		78.1	74-142				
1,2-Dibromoethane	45.6		"	50.0		91.2	86-123				
1,2-Dichlorobenzene	43.6		"	50.0		87.1	85-122				
1,2-Dichloroethane	49.2		"	50.0		98.3	71-133				
1,2-Dichloropropane	49.6		"	50.0		99.1	81-122				
1,3,5-Trimethylbenzene	45.2		"	50.0		90.3	82-126				
1,3-Dichlorobenzene	43.3		"	50.0		86.6	84-124				
1,3-Dichloropropane	46.0		"	50.0		91.9	83-123				
1,4-Dichlorobenzene	43.1		"	50.0		86.1	84-124				
1,4-Dioxane	966		"	1050		92.0	10-228				
2,2-Dichloropropane	56.0		"	50.0		112	67-136				
2-Butanone	44.9		"	50.0		89.8	58-147				
2-Chlorotoluene	45.9		"	50.0		91.7	78-127				
2-Hexanone	45.0		"	50.0		90.1	70-139				
4-Chlorotoluene	46.1		"	50.0		92.2	79-125				
4-Methyl-2-pentanone	48.7		"	50.0		97.4	72-132				
Acetone	33.5		"	50.0		66.9	36-155				
Acrolein	52.6		"	50.0		105	10-238				
Acrylonitrile	49.7		"	50.0		99.4	66-141				
Benzene	51.8		"	50.0		104	77-127				
Bromobenzene	46.4		"	50.0		92.8	77-129				
Bromochloromethane	51.8		"	50.0		104	74-129				
Bromodichloromethane	46.0		"	50.0		91.9	81-124				
Bromoform	38.1		"	50.0		76.2	80-136	Low Bias			
Bromomethane	54.5		"	50.0		109	32-177				
Carbon disulfide	55.3		"	50.0		111	10-136				
Carbon tetrachloride	51.0		"	50.0		102	66-143				
Chlorobenzene	47.7		"	50.0		95.4	86-120				
Chloroethane	57.4		"	50.0		115	51-142				
Chloroform	49.9		"	50.0		99.8	76-131				
Chloromethane	52.5		"	50.0		105	49-132				
cis-1,2-Dichloroethylene	51.0		"	50.0		102	74-132				
cis-1,3-Dichloropropylene	47.8		"	50.0		95.5	81-129				
Cyclohexane	48.7		"	50.0		97.4	70-130				
Dibromochloromethane	43.9		"	50.0		87.8	10-200				
Dibromomethane	45.4		"	50.0		90.7	83-124				
Dichlorodifluoromethane	64.7		"	50.0		129	28-158				
Ethyl Benzene	45.9		"	50.0		91.8	84-125				

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 BA30629 - EPA 5035A											
LCS (BA30629-BS1)							Prepared & Analyzed: 01/13/2023				
Hexachlorobutadiene	44.0		ug/L	50.0		88.0	83-133				
Isopropylbenzene	48.2		"	50.0		96.4	81-127				
Methyl acetate	46.7		"	50.0		93.5	41-143				
Methyl tert-butyl ether (MTBE)	54.3		"	50.0		109	74-131				
Methylcyclohexane	45.4		"	50.0		90.7	70-130				
Methylene chloride	48.3		"	50.0		96.6	57-141				
n-Butylbenzene	43.9		"	50.0		87.8	80-130				
n-Propylbenzene	46.7		"	50.0		93.5	74-136				
o-Xylene	45.0		"	50.0		90.0	83-123				
p- & m- Xylenes	90.8		"	100		90.8	82-128				
p-Isopropyltoluene	44.1		"	50.0		88.2	85-125				
sec-Butylbenzene	45.6		"	50.0		91.3	83-125				
Styrene	45.6		"	50.0		91.2	86-126				
tert-Butyl alcohol (TBA)	266		"	250		106	70-130				
tert-Butylbenzene	46.3		"	50.0		92.6	80-127				
Tetrachloroethylene	36.1		"	50.0		72.2	80-129	Low Bias			
Toluene	47.8		"	50.0		95.6	85-121				
trans-1,2-Dichloroethylene	52.3		"	50.0		105	72-132				
trans-1,3-Dichloropropylene	47.0		"	50.0		93.9	78-132				
Trichloroethylene	47.8		"	50.0		95.6	84-123				
Trichlorofluoromethane	59.6		"	50.0		119	62-140				
Vinyl acetate	56.0		"	50.0		112	67-136				
Vinyl Chloride	60.3		"	50.0		121	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*47.8*		*"*	*50.0*		*95.7*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.6*		*"*	*50.0*		*97.2*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*52.9*		*"*	*50.0*		*106*	*76-130*				
LCS Dup (BA30629-BSD1)							Prepared & Analyzed: 01/13/2023				
1,1,1,2-Tetrachloroethane	53.9		ug/L	50.0		108	75-129		19.1	30	
1,1,1-Trichloroethane	60.9		"	50.0		122	71-137		15.8	30	
1,1,2,2-Tetrachloroethane	56.4		"	50.0		113	79-129		20.7	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	63.8		"	50.0		128	58-146		16.8	30	
1,1,2-Trichloroethane	55.1		"	50.0		110	83-123		19.0	30	
1,1-Dichloroethane	59.1		"	50.0		118	75-130		16.4	30	
1,1-Dichloroethylene	63.5		"	50.0		127	64-137		16.4	30	
1,1-Dichloropropylene	58.1		"	50.0		116	77-127		16.8	30	
1,2,3-Trichlorobenzene	52.4		"	50.0		105	81-140		18.3	30	
1,2,3-Trichloropropane	51.8		"	50.0		104	81-126		16.8	30	
1,2,4-Trichlorobenzene	53.2		"	50.0		106	80-141		17.1	30	
1,2,4-Trimethylbenzene	53.2		"	50.0		106	84-125		15.7	30	
1,2-Dibromo-3-chloropropane	48.8		"	50.0		97.6	74-142		22.2	30	
1,2-Dibromoethane	55.4		"	50.0		111	86-123		19.5	30	
1,2-Dichlorobenzene	51.4		"	50.0		103	85-122		16.5	30	
1,2-Dichloroethane	58.4		"	50.0		117	71-133		17.2	30	
1,2-Dichloropropane	59.0		"	50.0		118	81-122		17.3	30	
1,3,5-Trimethylbenzene	52.8		"	50.0		106	82-126		15.6	30	
1,3-Dichlorobenzene	51.4		"	50.0		103	84-124		17.0	30	
1,3-Dichloropropane	56.8		"	50.0		114	83-123		21.0	30	
1,4-Dichlorobenzene	50.7		"	50.0		101	84-124		16.2	30	
1,4-Dioxane	1120		"	1050		106	10-228		14.4	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30629 - EPA 5035A											
LCS Dup (BA30629-BSD1)							Prepared & Analyzed: 01/13/2023				
2,2-Dichloropropane	63.5		ug/L	50.0		127	67-136		12.6	30	
2-Butanone	56.4		"	50.0		113	58-147		22.7	30	
2-Chlorotoluene	53.4		"	50.0		107	78-127		15.2	30	
2-Hexanone	53.4		"	50.0		107	70-139		17.0	30	
4-Chlorotoluene	53.9		"	50.0		108	79-125		15.5	30	
4-Methyl-2-pentanone	58.0		"	50.0		116	72-132		17.5	30	
Acetone	38.1		"	50.0		76.1	36-155		12.9	30	
Acrolein	56.0		"	50.0		112	10-238		6.26	30	
Acrylonitrile	58.7		"	50.0		117	66-141		16.6	30	
Benzene	60.4		"	50.0		121	77-127		15.4	30	
Bromobenzene	54.0		"	50.0		108	77-129		15.3	30	
Bromochloromethane	60.4		"	50.0		121	74-129		15.2	30	
Bromodichloromethane	55.9		"	50.0		112	81-124		19.5	30	
Bromoform	47.8		"	50.0		95.7	80-136		22.7	30	
Bromomethane	63.8		"	50.0		128	32-177		15.7	30	
Carbon disulfide	64.4		"	50.0		129	10-136		15.1	30	
Carbon tetrachloride	60.3		"	50.0		121	66-143		16.7	30	
Chlorobenzene	56.5		"	50.0		113	86-120		16.9	30	
Chloroethane	70.2		"	50.0		140	51-142		19.9	30	
Chloroform	59.6		"	50.0		119	76-131		17.8	30	
Chloromethane	65.4		"	50.0		131	49-132		21.9	30	
cis-1,2-Dichloroethylene	60.3		"	50.0		121	74-132		16.7	30	
cis-1,3-Dichloropropylene	57.2		"	50.0		114	81-129		17.9	30	
Cyclohexane	55.8		"	50.0		112	70-130		13.6	30	
Dibromochloromethane	53.6		"	50.0		107	10-200		20.0	30	
Dibromomethane	55.2		"	50.0		110	83-124		19.5	30	
Dichlorodifluoromethane	80.7		"	50.0		161	28-158	High Bias	22.1	30	
Ethyl Benzene	53.9		"	50.0		108	84-125		16.0	30	
Hexachlorobutadiene	53.1		"	50.0		106	83-133		18.7	30	
Isopropylbenzene	56.3		"	50.0		113	81-127		15.5	30	
Methyl acetate	54.0		"	50.0		108	41-143		14.5	30	
Methyl tert-butyl ether (MTBE)	62.3		"	50.0		125	74-131		13.8	30	
Methylcyclohexane	52.5		"	50.0		105	70-130		14.5	30	
Methylene chloride	56.8		"	50.0		114	57-141		16.2	30	
n-Butylbenzene	51.3		"	50.0		103	80-130		15.6	30	
n-Propylbenzene	54.3		"	50.0		109	74-136		14.9	30	
o-Xylene	53.5		"	50.0		107	83-123		17.3	30	
p- & m- Xylenes	107		"	100		107	82-128		16.0	30	
p-Isopropyltoluene	51.9		"	50.0		104	85-125		16.2	30	
sec-Butylbenzene	53.2		"	50.0		106	83-125		15.4	30	
Styrene	54.7		"	50.0		109	86-126		18.1	30	
tert-Butyl alcohol (TBA)	320		"	250		128	70-130		18.5	30	
tert-Butylbenzene	53.7		"	50.0		107	80-127		14.8	30	
Tetrachloroethylene	42.1		"	50.0		84.2	80-129		15.3	30	
Toluene	55.4		"	50.0		111	85-121		14.8	30	
trans-1,2-Dichloroethylene	61.3		"	50.0		123	72-132		15.9	30	
trans-1,3-Dichloropropylene	56.6		"	50.0		113	78-132		18.6	30	
Trichloroethylene	56.7		"	50.0		113	84-123		17.0	30	
Trichlorofluoromethane	71.2		"	50.0		142	62-140	High Bias	17.8	30	
Vinyl acetate	64.5		"	50.0		129	67-136		14.2	30	
Vinyl Chloride	74.1		"	50.0		148	52-130	High Bias	20.5	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30629 - EPA 5035A											
LCS Dup (BA30629-BSD1)								Prepared & Analyzed: 01/13/2023			
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.7*		*ug/L*	*50.0*		*97.4*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.0*		*"*	*50.0*		*96.1*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*52.2*		*"*	*50.0*		*104*	*76-130*				
Matrix Spike (BA30629-MS1)	*Source sample: 23A0401-10 (Matrix Spike)							Prepared & Analyzed: 01/13/2023			
1,1,1,2-Tetrachloroethane	41.4		ug/L	50.0	0.00	82.9	15-161				
1,1,1-Trichloroethane	51.0		"	50.0	0.00	102	42-145				
1,1,2,2-Tetrachloroethane	226		"	50.0	0.00	452	16-167	High Bias			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	57.6		"	50.0	0.00	115	11-160				
1,1,2-Trichloroethane	44.2		"	50.0	0.00	88.3	44-145				
1,1-Dichloroethane	52.5		"	50.0	0.00	105	46-142				
1,1-Dichloroethylene	54.7		"	50.0	0.00	109	30-153				
1,1-Dichloropropylene	51.4		"	50.0	0.00	103	40-133				
1,2,3-Trichlorobenzene	30.9		"	50.0	0.00	61.8	10-157				
1,2,3-Trichloropropane	47.1		"	50.0	0.00	94.2	38-155				
1,2,4-Trichlorobenzene	34.2		"	50.0	0.00	68.3	10-151				
1,2,4-Trimethylbenzene	43.9		"	50.0	0.00	87.9	10-170				
1,2-Dibromo-3-chloropropane	48.2		"	50.0	0.00	96.4	36-138				
1,2-Dibromoethane	44.9		"	50.0	0.00	89.7	40-142				
1,2-Dichlorobenzene	40.8		"	50.0	0.00	81.5	10-147				
1,2-Dichloroethane	48.3		"	50.0	0.00	96.7	48-133				
1,2-Dichloropropane	53.4		"	50.0	0.00	107	47-141				
1,3,5-Trimethylbenzene	41.9		"	50.0	0.00	83.9	10-150				
1,3-Dichlorobenzene	40.0		"	50.0	0.00	79.9	10-144				
1,3-Dichloropropane	46.0		"	50.0	0.00	91.9	43-142				
1,4-Dichlorobenzene	39.0		"	50.0	0.00	77.9	10-160				
1,4-Dioxane	1120		"	1050	0.00	107	10-191				
2,2-Dichloropropane	52.4		"	50.0	0.00	105	38-130				
2-Butanone	42.2		"	50.0	0.00	84.5	10-189				
2-Chlorotoluene	52.7		"	50.0	0.00	105	14-144				
2-Hexanone	56.2		"	50.0	0.00	112	10-181				
4-Chlorotoluene	43.7		"	50.0	0.00	87.5	15-138				
4-Methyl-2-pentanone	45.3		"	50.0	0.00	90.6	10-166				
Acetone	32.3		"	50.0	0.00	64.6	10-196				
Acrolein	35.0		"	50.0	0.00	70.1	10-192				
Acrylonitrile	46.4		"	50.0	0.00	92.9	13-161				
Benzene	53.1		"	50.0	0.00	106	43-139				
Bromobenzene	26.0		"	50.0	0.00	52.1	23-142				
Bromochloromethane	49.0		"	50.0	0.00	98.0	38-145				
Bromodichloromethane	45.5		"	50.0	0.00	91.0	38-147				
Bromoform	35.9		"	50.0	0.00	71.7	29-156				
Bromomethane	24.4		"	50.0	0.00	48.9	10-166				
Carbon disulfide	53.3		"	50.0	0.00	107	10-131				
Carbon tetrachloride	47.2		"	50.0	0.00	94.4	35-145				
Chlorobenzene	54.2		"	50.0	0.00	108	21-154				
Chloroethane	13.9		"	50.0	0.00	27.8	15-160				
Chloroform	51.0		"	50.0	0.00	102	47-142				
Chloromethane	59.4		"	50.0	0.00	119	10-159				
cis-1,2-Dichloroethylene	52.2		"	50.0	0.00	104	42-144				
cis-1,3-Dichloropropylene	46.6		"	50.0	0.00	93.1	18-159				

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 BA30629 - EPA 5035A											
Matrix Spike (BA30629-MS1)	*Source sample: 23A0401-10 (Matrix Spike)							Prepared & Analyzed: 01/13/2023			
Cyclohexane	52.6		ug/L	50.0	0.00	105	70-130				
Dibromochloromethane	38.3		"	50.0	0.00	76.7	10-179				
Dibromomethane	46.3		"	50.0	0.00	92.6	47-143				
Dichlorodifluoromethane	57.4		"	50.0	0.00	115	10-145				
Ethyl Benzene	47.9		"	50.0	0.00	95.9	11-158				
Hexachlorobutadiene	23.0		"	50.0	0.00	45.9	10-158				
Isopropylbenzene	43.9		"	50.0	0.00	87.9	10-162				
Methyl acetate	50.8		"	50.0	0.00	102	10-149				
Methyl tert-butyl ether (MTBE)	52.2		"	50.0	0.00	104	42-152				
Methylcyclohexane	50.2		"	50.0	0.00	100	70-130				
Methylene chloride	53.9		"	50.0	956	NR	28-151	Low Bias			
n-Butylbenzene	112		"	50.0	6280	NR	10-162	Low Bias			
n-Propylbenzene	63.7		"	50.0	2670	NR	10-155	Low Bias			
o-Xylene	53.8		"	50.0	0.00	108	10-158				
p- & m- Xylenes	101		"	100	0.00	101	10-156				
p-Isopropyltoluene	41.8		"	50.0	0.00	83.6	10-147				
sec-Butylbenzene	118		"	50.0	8120	NR	10-157	Low Bias			
Styrene	55.2		"	50.0	0.00	110	13-171				
tert-Butyl alcohol (TBA)	243		"	250	0.00	97.0	34-179				
tert-Butylbenzene	81.0		"	50.0	4260	NR	10-160	Low Bias			
Tetrachloroethylene	36.5		"	50.0	0.00	73.0	30-167				
Toluene	49.0		"	50.0	0.00	97.9	21-160				
trans-1,2-Dichloroethylene	55.4		"	50.0	0.00	111	29-153				
trans-1,3-Dichloropropylene	42.8		"	50.0	0.00	85.7	18-155				
Trichloroethylene	53.8		"	50.0	0.00	108	24-169				
Trichlorofluoromethane	49.7		"	50.0	0.00	99.4	35-142				
Vinyl acetate	55.1		"	50.0	0.00	110	10-119				
Vinyl Chloride	49.4		"	50.0	0.00	98.8	12-160				
Surrogate: SURR: 1,2-Dichloroethane-d4	*46.2*		*"*	*50.0*		*92.3*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.1*		*"*	*50.0*		*98.3*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*121*		*"*	*50.0*		*242*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Batch BA30629 - EPA 5035A

Matrix Spike Dup (BA30629-MSD1) *Source sample: 23A0401-10 (Matrix Spike Dup) Prepared & Analyzed: 01/13/2023

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1,1,2-Tetrachloroethane	41.1		ug/L	50.0	0.00	82.2	15-161		0.848	33	
1,1,1-Trichloroethane	52.1		"	50.0	0.00	104	42-145		2.06	30	
1,1,2,2-Tetrachloroethane	239		"	50.0	0.00	478	16-167	High Bias	5.51	56	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	57.6		"	50.0	0.00	115	11-160		0.122	31	
1,1,2-Trichloroethane	44.4		"	50.0	0.00	88.8	44-145		0.519	40	
1,1-Dichloroethane	52.1		"	50.0	0.00	104	46-142		0.803	36	
1,1-Dichloroethylene	54.8		"	50.0	0.00	110	30-153		0.219	31	
1,1-Dichloropropylene	51.4		"	50.0	0.00	103	40-133		0.0389	28	
1,2,3-Trichlorobenzene	32.6		"	50.0	0.00	65.2	10-157		5.26	47	
1,2,3-Trichloropropane	43.2		"	50.0	0.00	86.4	38-155		8.55	48	
1,2,4-Trichlorobenzene	36.1		"	50.0	0.00	72.2	10-151		5.55	52	
1,2,4-Trimethylbenzene	45.9		"	50.0	0.00	91.7	10-170		4.32	242	
1,2-Dibromo-3-chloropropane	51.0		"	50.0	0.00	102	36-138		5.76	54	
1,2-Dibromoethane	45.0		"	50.0	0.00	90.1	40-142		0.356	39	
1,2-Dichlorobenzene	42.5		"	50.0	0.00	85.0	10-147		4.20	52	
1,2-Dichloroethane	48.7		"	50.0	0.00	97.4	48-133		0.783	32	
1,2-Dichloropropane	54.0		"	50.0	0.00	108	47-141		1.08	37	
1,3,5-Trimethylbenzene	43.8		"	50.0	0.00	87.6	10-150		4.41	62	
1,3-Dichlorobenzene	41.5		"	50.0	0.00	83.0	10-144		3.85	51	
1,3-Dichloropropane	46.2		"	50.0	0.00	92.5	43-142		0.586	36	
1,4-Dichlorobenzene	40.4		"	50.0	0.00	80.8	10-160		3.61	52	
1,4-Dioxane	1150		"	1050	0.00	110	10-191		2.80	196	
2,2-Dichloropropane	53.4		"	50.0	0.00	107	38-130		1.95	31	
2-Butanone	44.0		"	50.0	0.00	88.1	10-189		4.15	67	
2-Chlorotoluene	46.8		"	50.0	0.00	93.6	14-144		11.8	49	
2-Hexanone	54.8		"	50.0	0.00	110	10-181		2.61	60	
4-Chlorotoluene	44.4		"	50.0	0.00	88.8	15-138		1.54	39	
4-Methyl-2-pentanone	45.4		"	50.0	0.00	90.8	10-166		0.221	47	
Acetone	31.7		"	50.0	0.00	63.3	10-196		2.06	150	
Acrolein	34.2		"	50.0	0.00	68.4	10-192		2.51	128	
Acrylonitrile	45.0		"	50.0	0.00	90.0	13-161		3.19	48	
Benzene	52.9		"	50.0	0.00	106	43-139		0.283	64	
Bromobenzene	27.4		"	50.0	0.00	54.8	23-142		5.16	44	
Bromochloromethane	48.8		"	50.0	0.00	97.6	38-145		0.409	30	
Bromodichloromethane	46.2		"	50.0	0.00	92.3	38-147		1.46	37	
Bromoform	36.3		"	50.0	0.00	72.6	29-156		1.19	51	
Bromomethane	21.6		"	50.0	0.00	43.2	10-166		12.4	42	
Carbon disulfide	53.8		"	50.0	0.00	108	10-131		1.03	36	
Carbon tetrachloride	48.4		"	50.0	0.00	96.8	35-145		2.51	31	
Chlorobenzene	53.7		"	50.0	0.00	107	21-154		0.816	32	
Chloroethane	12.6		"	50.0	0.00	25.1	15-160		9.91	40	
Chloroform	51.1		"	50.0	0.00	102	47-142		0.137	29	
Chloromethane	55.5		"	50.0	0.00	111	10-159		6.79	31	
cis-1,2-Dichloroethylene	52.2		"	50.0	0.00	104	42-144		0.0767	30	
cis-1,3-Dichloropropylene	47.6		"	50.0	0.00	95.3	18-159		2.29	39	
Cyclohexane	52.2		"	50.0	0.00	104	70-130		0.744	30	
Dibromochloromethane	39.2		"	50.0	0.00	78.4	10-179		2.30	41	
Dibromomethane	46.7		"	50.0	0.00	93.3	47-143		0.839	41	
Dichlorodifluoromethane	53.6		"	50.0	0.00	107	10-145		6.82	34	
Ethyl Benzene	47.5		"	50.0	0.00	95.1	11-158		0.817	42	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30629 - EPA 5035A											
Matrix Spike Dup (BA30629-MSD1)	*Source sample: 23A0401-10 (Matrix Spike Dup)								Prepared & Analyzed: 01/13/2023		
Hexachlorobutadiene	24.7		ug/L	50.0	0.00	49.4	10-158		7.22	45	
Isopropylbenzene	45.2		"	50.0	0.00	90.5	10-162		2.94	57	
Methyl acetate	50.5		"	50.0	0.00	101	10-149		0.612	64	
Methyl tert-butyl ether (MTBE)	52.6		"	50.0	0.00	105	42-152		0.878	47	
Methylcyclohexane	50.6		"	50.0	0.00	101	70-130		0.695	30	
Methylene chloride	52.7		"	50.0	956	NR	28-151	Low Bias	2.20	49	
n-Butylbenzene	115		"	50.0	6280	NR	10-162	Low Bias	2.85	96	
n-Propylbenzene	65.1		"	50.0	2670	NR	10-155	Low Bias	2.16	56	
o-Xylene	52.9		"	50.0	0.00	106	10-158		1.67	51	
p- & m- Xylenes	99.5		"	100	0.00	99.5	10-156		1.74	47	
p-Isopropyltoluene	44.0		"	50.0	0.00	88.0	10-147		5.10	60	
sec-Butylbenzene	121		"	50.0	8120	NR	10-157	Low Bias	2.39	56	
Styrene	54.2		"	50.0	0.00	108	13-171		1.99	39	
tert-Butyl alcohol (TBA)	4.18		"	250	0.00	1.67	34-179	Low Bias	193	35	Non-dir.
tert-Butylbenzene	82.7		"	50.0	4260	NR	10-160	Low Bias	2.05	79	
Tetrachloroethylene	36.1		"	50.0	0.00	72.2	30-167		1.10	33	
Toluene	48.9		"	50.0	0.00	97.9	21-160		0.0409	50	
trans-1,2-Dichloroethylene	55.0		"	50.0	0.00	110	29-153		0.833	30	
trans-1,3-Dichloropropylene	44.1		"	50.0	0.00	88.2	18-155		2.92	30	
Trichloroethylene	54.0		"	50.0	0.00	108	24-169		0.408	30	
Trichlorofluoromethane	48.9		"	50.0	0.00	97.8	35-142		1.62	30	
Vinyl acetate	54.3		"	50.0	0.00	109	10-119		1.50	82	
Vinyl Chloride	47.2		"	50.0	0.00	94.4	12-160		4.53	35	
Surrogate: SURR: 1,2-Dichloroethane-d4	*46.9*		*"*	*50.0*		*93.8*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.8*		*"*	*50.0*		*99.6*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*121*		*"*	*50.0*		*242*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30699 - EPA 5035A											
Blank (BA30699-BLK1)									Prepared & Analyzed: 01/16/2023		
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,1-Dichloropropylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,3-Dichloropropane	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2,2-Dichloropropane	ND	0.0050	"								
2-Butanone	ND	0.0050	"								
2-Chlorotoluene	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Chlorotoluene	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromobenzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	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 BA30699 - EPA 5035A											
Blank (BA30699-BLK1)											Prepared & Analyzed: 01/16/2023
Hexachlorobutadiene	ND	0.0050	mg/kg wet								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl acetate	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.9*		*ug/L*	*50.0*		*97.9*	*77-125*				
Surrogate: SURR: Toluene-d8	*46.2*		*"*	*50.0*		*92.5*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*52.6*		*"*	*50.0*		*105*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30699 - EPA 5035A											
Blank (BA30699-BLK2)									Prepared & Analyzed: 01/16/2023		
1,1,1,2-Tetrachloroethane	ND	0.50	mg/kg wet								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	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	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	10	"								
2,2-Dichloropropane	ND	0.50	"								
2-Butanone	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	1.0	"								
Acrolein	ND	1.0	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromobenzene	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	"								

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 BA30699 - EPA 5035A											
Blank (BA30699-BLK2)											Prepared & Analyzed: 01/16/2023
Hexachlorobutadiene	ND	0.50	mg/kg wet								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	1.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl acetate	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.7*		*ug/L*	*50.0*		*97.3*	*77-125*				
Surrogate: SURR: Toluene-d8	*46.5*		*"*	*50.0*		*92.9*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*52.5*		*"*	*50.0*		*105*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30699 - EPA 5035A											
LCS (BA30699-BS1)							Prepared & Analyzed: 01/16/2023				
1,1,1,2-Tetrachloroethane	50.9		ug/L	50.0		102	75-129				
1,1,1-Trichloroethane	59.0		"	50.0		118	71-137				
1,1,2,2-Tetrachloroethane	52.6		"	50.0		105	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	59.1		"	50.0		118	58-146				
1,1,2-Trichloroethane	50.6		"	50.0		101	83-123				
1,1-Dichloroethane	57.2		"	50.0		114	75-130				
1,1-Dichloroethylene	60.1		"	50.0		120	64-137				
1,1-Dichloropropylene	55.4		"	50.0		111	77-127				
1,2,3-Trichlorobenzene	46.8		"	50.0		93.6	81-140				
1,2,3-Trichloropropane	49.9		"	50.0		99.8	81-126				
1,2,4-Trichlorobenzene	47.0		"	50.0		93.9	80-141				
1,2,4-Trimethylbenzene	48.3		"	50.0		96.5	84-125				
1,2-Dibromo-3-chloropropane	47.5		"	50.0		95.0	74-142				
1,2-Dibromoethane	51.7		"	50.0		103	86-123				
1,2-Dichlorobenzene	47.0		"	50.0		94.0	85-122				
1,2-Dichloroethane	56.8		"	50.0		114	71-133				
1,2-Dichloropropane	54.1		"	50.0		108	81-122				
1,3,5-Trimethylbenzene	48.3		"	50.0		96.6	82-126				
1,3-Dichlorobenzene	47.3		"	50.0		94.7	84-124				
1,3-Dichloropropane	51.4		"	50.0		103	83-123				
1,4-Dichlorobenzene	46.3		"	50.0		92.5	84-124				
1,4-Dioxane	1040		"	1050		98.8	10-228				
2,2-Dichloropropane	60.8		"	50.0		122	67-136				
2-Butanone	55.1		"	50.0		110	58-147				
2-Chlorotoluene	49.0		"	50.0		98.0	78-127				
2-Hexanone	51.5		"	50.0		103	70-139				
4-Chlorotoluene	49.3		"	50.0		98.6	79-125				
4-Methyl-2-pentanone	54.7		"	50.0		109	72-132				
Acetone	38.8		"	50.0		77.6	36-155				
Acrolein	57.9		"	50.0		116	10-238				
Acrylonitrile	58.9		"	50.0		118	66-141				
Benzene	58.4		"	50.0		117	77-127				
Bromobenzene	50.3		"	50.0		101	77-129				
Bromochloromethane	59.6		"	50.0		119	74-129				
Bromodichloromethane	52.1		"	50.0		104	81-124				
Bromoform	48.7		"	50.0		97.3	80-136				
Bromomethane	61.4		"	50.0		123	32-177				
Carbon disulfide	61.9		"	50.0		124	10-136				
Carbon tetrachloride	60.1		"	50.0		120	66-143				
Chlorobenzene	52.0		"	50.0		104	86-120				
Chloroethane	66.0		"	50.0		132	51-142				
Chloroform	57.5		"	50.0		115	76-131				
Chloromethane	58.7		"	50.0		117	49-132				
cis-1,2-Dichloroethylene	58.2		"	50.0		116	74-132				
cis-1,3-Dichloropropylene	52.8		"	50.0		106	81-129				
Cyclohexane	56.2		"	50.0		112	70-130				
Dibromochloromethane	52.1		"	50.0		104	10-200				
Dibromomethane	50.8		"	50.0		102	83-124				
Dichlorodifluoromethane	61.2		"	50.0		122	28-158				
Ethyl Benzene	49.2		"	50.0		98.5	84-125				

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 BA30699 - EPA 5035A											
LCS (BA30699-BS1)								Prepared & Analyzed: 01/16/2023			
Hexachlorobutadiene	46.4		ug/L	50.0		92.8	83-133				
Isopropylbenzene	52.2		"	50.0		104	81-127				
Methyl acetate	55.2		"	50.0		110	41-143				
Methyl tert-butyl ether (MTBE)	60.0		"	50.0		120	74-131				
Methylcyclohexane	49.6		"	50.0		99.3	70-130				
Methylene chloride	55.2		"	50.0		110	57-141				
n-Butylbenzene	46.4		"	50.0		92.9	80-130				
n-Propylbenzene	50.1		"	50.0		100	74-136				
o-Xylene	48.9		"	50.0		97.7	83-123				
p- & m- Xylenes	97.8		"	100		97.8	82-128				
p-Isopropyltoluene	46.8		"	50.0		93.5	85-125				
sec-Butylbenzene	48.8		"	50.0		97.5	83-125				
Styrene	50.2		"	50.0		100	86-126				
tert-Butyl alcohol (TBA)	291		"	250		116	70-130				
tert-Butylbenzene	49.4		"	50.0		98.8	80-127				
Tetrachloroethylene	38.3		"	50.0		76.5	80-129	Low Bias			
Toluene	50.9		"	50.0		102	85-121				
trans-1,2-Dichloroethylene	58.7		"	50.0		117	72-132				
trans-1,3-Dichloropropylene	53.1		"	50.0		106	78-132				
Trichloroethylene	51.5		"	50.0		103	84-123				
Trichlorofluoromethane	65.4		"	50.0		131	62-140				
Vinyl acetate	60.6		"	50.0		121	67-136				
Vinyl Chloride	65.1		"	50.0		130	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.9*		*"*	*50.0*		*97.9*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.2*		*"*	*50.0*		*94.3*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*52.6*		*"*	*50.0*		*105*	*76-130*				
LCS Dup (BA30699-BSD1)								Prepared & Analyzed: 01/16/2023			
1,1,1,2-Tetrachloroethane	52.9		ug/L	50.0		106	75-129		3.89	30	
1,1,1-Trichloroethane	60.8		"	50.0		122	71-137		2.97	30	
1,1,2,2-Tetrachloroethane	52.0		"	50.0		104	79-129		1.17	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	60.4		"	50.0		121	58-146		2.26	30	
1,1,2-Trichloroethane	52.2		"	50.0		104	83-123		3.00	30	
1,1-Dichloroethane	58.4		"	50.0		117	75-130		2.06	30	
1,1-Dichloroethylene	61.4		"	50.0		123	64-137		2.08	30	
1,1-Dichloropropylene	57.2		"	50.0		114	77-127		3.29	30	
1,2,3-Trichlorobenzene	47.9		"	50.0		95.9	81-140		2.43	30	
1,2,3-Trichloropropane	50.6		"	50.0		101	81-126		1.43	30	
1,2,4-Trichlorobenzene	48.5		"	50.0		96.9	80-141		3.17	30	
1,2,4-Trimethylbenzene	48.6		"	50.0		97.3	84-125		0.743	30	
1,2-Dibromo-3-chloropropane	49.8		"	50.0		99.6	74-142		4.79	30	
1,2-Dibromoethane	54.2		"	50.0		108	86-123		4.76	30	
1,2-Dichlorobenzene	47.6		"	50.0		95.2	85-122		1.33	30	
1,2-Dichloroethane	59.0		"	50.0		118	71-133		3.90	30	
1,2-Dichloropropane	54.6		"	50.0		109	81-122		0.920	30	
1,3,5-Trimethylbenzene	48.1		"	50.0		96.3	82-126		0.290	30	
1,3-Dichlorobenzene	47.1		"	50.0		94.1	84-124		0.572	30	
1,3-Dichloropropane	53.4		"	50.0		107	83-123		3.68	30	
1,4-Dichlorobenzene	46.5		"	50.0		93.1	84-124		0.582	30	
1,4-Dioxane	1160		"	1050		110	10-228		10.8	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30699 - EPA 5035A											
LCS Dup (BA30699-BSD1)							Prepared & Analyzed: 01/16/2023				
2,2-Dichloropropane	61.3		ug/L	50.0		123	67-136		0.852	30	
2-Butanone	57.6		"	50.0		115	58-147		4.58	30	
2-Chlorotoluene	49.4		"	50.0		98.9	78-127		0.935	30	
2-Hexanone	53.9		"	50.0		108	70-139		4.53	30	
4-Chlorotoluene	49.8		"	50.0		99.5	79-125		0.949	30	
4-Methyl-2-pentanone	57.2		"	50.0		114	72-132		4.57	30	
Acetone	41.0		"	50.0		82.1	36-155		5.56	30	
Acrolein	59.8		"	50.0		120	10-238		3.33	30	
Acrylonitrile	61.3		"	50.0		123	66-141		4.06	30	
Benzene	59.8		"	50.0		120	77-127		2.35	30	
Bromobenzene	50.0		"	50.0		99.9	77-129		0.698	30	
Bromochloromethane	61.6		"	50.0		123	74-129		3.45	30	
Bromodichloromethane	53.0		"	50.0		106	81-124		1.77	30	
Bromoform	50.8		"	50.0		102	80-136		4.30	30	
Bromomethane	65.4		"	50.0		131	32-177		6.28	30	
Carbon disulfide	63.3		"	50.0		127	10-136		2.20	30	
Carbon tetrachloride	61.4		"	50.0		123	66-143		2.17	30	
Chlorobenzene	53.4		"	50.0		107	86-120		2.62	30	
Chloroethane	69.0		"	50.0		138	51-142		4.34	30	
Chloroform	59.1		"	50.0		118	76-131		2.76	30	
Chloromethane	61.5		"	50.0		123	49-132		4.73	30	
cis-1,2-Dichloroethylene	59.3		"	50.0		119	74-132		1.87	30	
cis-1,3-Dichloropropylene	53.8		"	50.0		108	81-129		1.91	30	
Cyclohexane	56.9		"	50.0		114	70-130		1.26	30	
Dibromochloromethane	53.5		"	50.0		107	10-200		2.65	30	
Dibromomethane	51.5		"	50.0		103	83-124		1.43	30	
Dichlorodifluoromethane	63.8		"	50.0		128	28-158		4.19	30	
Ethyl Benzene	50.8		"	50.0		102	84-125		3.08	30	
Hexachlorobutadiene	46.4		"	50.0		92.8	83-133		0.00	30	
Isopropylbenzene	51.6		"	50.0		103	81-127		1.02	30	
Methyl acetate	57.6		"	50.0		115	41-143		4.38	30	
Methyl tert-butyl ether (MTBE)	61.6		"	50.0		123	74-131		2.66	30	
Methylcyclohexane	50.0		"	50.0		99.9	70-130		0.683	30	
Methylene chloride	57.3		"	50.0		115	57-141		3.82	30	
n-Butylbenzene	46.7		"	50.0		93.5	80-130		0.644	30	
n-Propylbenzene	49.9		"	50.0		99.7	74-136		0.560	30	
o-Xylene	50.9		"	50.0		102	83-123		4.07	30	
p- & m- Xylenes	101		"	100		101	82-128		3.09	30	
p-Isopropyltoluene	47.5		"	50.0		95.1	85-125		1.63	30	
sec-Butylbenzene	49.0		"	50.0		97.9	83-125		0.430	30	
Styrene	52.1		"	50.0		104	86-126		3.60	30	
tert-Butyl alcohol (TBA)	312		"	250		125	70-130		6.98	30	
tert-Butylbenzene	49.0		"	50.0		98.0	80-127		0.732	30	
Tetrachloroethylene	39.2		"	50.0		78.5	80-129	Low Bias	2.50	30	
Toluene	51.9		"	50.0		104	85-121		2.00	30	
trans-1,2-Dichloroethylene	60.0		"	50.0		120	72-132		2.19	30	
trans-1,3-Dichloropropylene	54.1		"	50.0		108	78-132		1.92	30	
Trichloroethylene	51.6		"	50.0		103	84-123		0.136	30	
Trichlorofluoromethane	65.6		"	50.0		131	62-140		0.275	30	
Vinyl acetate	64.1		"	50.0		128	67-136		5.65	30	
Vinyl Chloride	67.6		"	50.0		135	52-130	High Bias	3.80	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30699 - EPA 5035A											
LCS Dup (BA30699-BSD1)								Prepared & Analyzed: 01/16/2023			
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.0*		*ug/L*	*50.0*		*100*	*77-125*				
Surrogate: SURR: Toluene-d8	*46.8*		*"*	*50.0*		*93.6*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.0*		*"*	*50.0*		*102*	*76-130*				
Matrix Spike (BA30699-MS1)	*Source sample: 23A0396-01 (Matrix Spike)							Prepared & Analyzed: 01/16/2023			
1,1,1,2-Tetrachloroethane	35.8		ug/L	50.0	0.00	71.7	15-161				
1,1,1-Trichloroethane	45.5		"	50.0	0.00	91.0	42-145				
1,1,2,2-Tetrachloroethane	36.3		"	50.0	0.00	72.6	16-167				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	42.6		"	50.0	0.00	85.2	11-160				
1,1,2-Trichloroethane	38.4		"	50.0	0.00	76.8	44-145				
1,1-Dichloroethane	45.8		"	50.0	0.00	91.7	46-142				
1,1-Dichloroethylene	46.6		"	50.0	0.00	93.2	30-153				
1,1-Dichloropropylene	40.7		"	50.0	0.00	81.4	40-133				
1,2,3-Trichlorobenzene	15.2		"	50.0	0.00	30.4	10-157				
1,2,3-Trichloropropane	36.5		"	50.0	0.00	73.0	38-155				
1,2,4-Trichlorobenzene	15.2		"	50.0	0.00	30.4	10-151				
1,2,4-Trimethylbenzene	25.6		"	50.0	0.00	51.3	10-170				
1,2-Dibromo-3-chloropropane	28.4		"	50.0	0.00	56.8	36-138				
1,2-Dibromoethane	36.0		"	50.0	0.00	72.1	40-142				
1,2-Dichlorobenzene	25.1		"	50.0	0.00	50.2	10-147				
1,2-Dichloroethane	43.9		"	50.0	0.00	87.8	48-133				
1,2-Dichloropropane	41.9		"	50.0	0.00	83.7	47-141				
1,3,5-Trimethylbenzene	26.9		"	50.0	0.00	53.8	10-150				
1,3-Dichlorobenzene	24.6		"	50.0	0.00	49.1	10-144				
1,3-Dichloropropane	38.8		"	50.0	0.00	77.6	43-142				
1,4-Dichlorobenzene	23.8		"	50.0	0.00	47.6	10-160				
1,4-Dioxane	815		"	1050	0.00	77.6	10-191				
2,2-Dichloropropane	41.6		"	50.0	0.00	83.2	38-130				
2-Butanone	36.6		"	50.0	0.00	73.1	10-189				
2-Chlorotoluene	30.3		"	50.0	0.00	60.6	14-144				
2-Hexanone	34.0		"	50.0	0.00	68.0	10-181				
4-Chlorotoluene	28.5		"	50.0	0.00	57.1	15-138				
4-Methyl-2-pentanone	39.8		"	50.0	0.00	79.6	10-166				
Acetone	29.6		"	50.0	0.00	59.2	10-196				
Acrolein	0.00		"	50.0	0.00		10-192	Low Bias			
Acrylonitrile	41.8		"	50.0	0.00	83.7	13-161				
Benzene	45.7		"	50.0	0.00	91.5	43-139				
Bromobenzene	32.1		"	50.0	0.00	64.2	23-142				
Bromochloromethane	45.9		"	50.0	0.00	91.8	38-145				
Bromodichloromethane	38.8		"	50.0	0.00	77.7	38-147				
Bromoform	31.3		"	50.0	0.00	62.5	29-156				
Bromomethane	42.8		"	50.0	0.00	85.5	10-166				
Carbon disulfide	36.4		"	50.0	0.00	72.8	10-131				
Carbon tetrachloride	43.2		"	50.0	0.00	86.4	35-145				
Chlorobenzene	35.6		"	50.0	0.00	71.2	21-154				
Chloroethane	53.6		"	50.0	0.00	107	15-160				
Chloroform	45.1		"	50.0	0.00	90.2	47-142				
Chloromethane	45.8		"	50.0	0.00	91.5	10-159				
cis-1,2-Dichloroethylene	43.2		"	50.0	0.00	86.5	42-144				
cis-1,3-Dichloropropylene	35.4		"	50.0	0.00	70.8	18-159				

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 BA30699 - EPA 5035A											
Matrix Spike (BA30699-MS1)	*Source sample: 23A0396-01 (Matrix Spike)							Prepared & Analyzed: 01/16/2023			
Cyclohexane	39.7		ug/L	50.0	0.00	79.3	70-130				
Dibromochloromethane	35.8		"	50.0	0.00	71.5	10-179				
Dibromomethane	36.6		"	50.0	0.00	73.2	47-143				
Dichlorodifluoromethane	43.2		"	50.0	0.00	86.4	10-145				
Ethyl Benzene	35.1		"	50.0	0.00	70.1	11-158				
Hexachlorobutadiene	11.2		"	50.0	0.00	22.3	10-158				
Isopropylbenzene	33.6		"	50.0	0.00	67.2	10-162				
Methyl acetate	37.8		"	50.0	0.00	75.6	10-149				
Methyl tert-butyl ether (MTBE)	45.8		"	50.0	0.00	91.7	42-152				
Methylcyclohexane	27.3		"	50.0	0.00	54.7	70-130	Low Bias			
Methylene chloride	49.5		"	50.0	7.18	84.6	28-151				
n-Butylbenzene	19.2		"	50.0	0.00	38.4	10-162				
n-Propylbenzene	29.5		"	50.0	0.00	58.9	10-155				
o-Xylene	34.8		"	50.0	0.00	69.5	10-158				
p- & m- Xylenes	68.4		"	100	2.86	65.5	10-156				
p-Isopropyltoluene	23.4		"	50.0	0.00	46.7	10-147				
sec-Butylbenzene	24.5		"	50.0	0.00	48.9	10-157				
Styrene	31.5		"	50.0	0.00	63.0	13-171				
tert-Butyl alcohol (TBA)	197		"	250	0.00	78.9	34-179				
tert-Butylbenzene	28.1		"	50.0	0.00	56.2	10-160				
Tetrachloroethylene	25.3		"	50.0	0.00	50.7	30-167				
Toluene	37.9		"	50.0	0.00	75.8	21-160				
trans-1,2-Dichloroethylene	42.9		"	50.0	0.00	85.9	29-153				
trans-1,3-Dichloropropylene	32.4		"	50.0	0.00	64.7	18-155				
Trichloroethylene	38.4		"	50.0	0.00	76.8	24-169				
Trichlorofluoromethane	51.9		"	50.0	0.00	104	35-142				
Vinyl acetate	53.4		"	50.0	0.00	107	10-119				
Vinyl Chloride	52.6		"	50.0	0.00	105	12-160				
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.9*		*"*	*50.0*		*99.7*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.4*		*"*	*50.0*		*94.9*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*53.2*		*"*	*50.0*		*106*	*76-130*				

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 BA30667 - % Solids Prep											
Duplicate (BA30667-DUP1)	*Source sample: 23A0701-01 (Duplicate)								Prepared & Analyzed: 01/13/2023		
% Solids	91.4	0.100	%		91.4				0.0516	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
23A0498-01	SB-102 EP SW N1	40mL Vial with Stir Bar-Cool 4° C
23A0498-02	SB-102 EP SW N2	40mL Vial with Stir Bar-Cool 4° C
23A0498-03	SB-102 EP SW E1	40mL Vial with Stir Bar-Cool 4° C
23A0498-04	SB-102 EP SW E2	40mL Vial with Stir Bar-Cool 4° C
23A0498-05	SB-102 EP SW S	40mL Vial with Stir Bar-Cool 4° C
23A0498-06	SB-102 EP SW W	40mL Vial with Stir Bar-Cool 4° C

Sample and Data Qualifiers Relating to This Work Order

QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
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.

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 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. 23A04498

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | clientservices@yorklab.com | www.yorklab.com | 800-306-YORK | 800-306-9675

YOUR Information	Report To:	Invoice To:
Company: Laurel Environmental	Company: Scott	Company: Kathy
Address: 53 W Hills Rd, Huntington Station, NY 11746	Address:	Address:
Phone: 631-673-0612	Phone:	Phone:
Contact: Scott Vanuck	Contact:	Contact:
E-mail: labresults@laurelenv.com	E-mail:	E-mail:

YOUR Project Number: 19-401

YOUR Project Name: 27-09 40th Ave, LIC, NY

YOUR PO#:

Turn-Around Time

RUSH - Next Day	
RUSH - Two Day	
RUSH - Three Day	
RUSH - Four Day	
Standard (5-7 Day)	X

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

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 X
New Jersey
Connecticut
Pennsylvania
Other:

Report / EDD Type (circle selections)

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

YORK Reg. Comp.

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

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
SB-102 EP SW N 1	S	1/10/2023 12:20	USEPA Method 8260 VOCs	(3) 40mL VOA
SB-102 EP SW N 2		12:15 ~~11:35~~ CG		
SB-102 EP SW E 1		12:10 ~~11:40~~ CG		
SB-102 EP SW E 2		12:05 ~~11:45~~ CG		
SB-102 EP SW S		11:55 ~~11:50~~ CG		
SB-102 EP SW W		12:00 ~~11:55~~ CG		

Comments: 5 Day Rush all samples

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

Preservation: (check all that apply)

HCl ___ MeOH ✓ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other: DI Water

Special Instruction

Field Filtered
Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Laurel	1/11/2023 09:00	KBarkyork	1/11/23 10AM	KBarkyork 1/11/23	1700
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
3. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				[illegible]	1/11/23 1700 / 3.2 Degrees C

APPENDIX E

Verification Sampling 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: 01/11/2023
Client Project ID: 27-09 40th Avenue LIC 19-401
York Project (SDG) No.: 23A0211

Revision No. 1.0

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

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: 01/11/2023
Client Project ID: 27-09 40th Avenue LIC 19-401
York Project (SDG) No.: 23A0211

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 January 05, 2023 and listed below. The project was identified as your project: **27-09 40th Avenue LIC 19-401**.

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
23A0211-01	Grid 1 CS-1	Soil	01/04/2023	01/05/2023
23A0211-02	Field Blank	Water	01/04/2023	01/05/2023

General Notes for York Project (SDG) No.: 23A0211

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

Approved By:  **Date:** 01/11/2023

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: **Grid 1 CS-1** **York Sample ID:** **23A0211-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0211	27-09 40th Avenue LIC 19-401	Soil	January 4, 2023 11:30 am	01/05/2023

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

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.220	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:30	ESJ
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.220	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:30	ESJ
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.220	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:30	ESJ
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.220	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:30	ESJ
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.220	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:30	ESJ
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.220	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:30	ESJ
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.220	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:30	ESJ
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.220	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:30	ESJ
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.220	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:30	ESJ
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.220	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:30	ESJ
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.220	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:30	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.220	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:30	ESJ
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.220	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:30	ESJ
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.220	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:30	ESJ
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.440	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:30	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.220	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:30	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.220	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:30	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.220	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:30	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.879	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:30	ESJ
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.879	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:30	ESJ
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.879	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:30	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.440	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:30	ESJ

Sample Information

Client Sample ID: Grid 1 CS-1 **York Sample ID:** 23A0211-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0211	27-09 40th Avenue LIC 19-401	Soil	January 4, 2023 11:30 am	01/05/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.440	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:30	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.440	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:30	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.440	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:30	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.220	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:30	ESJ
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.879	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:30	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.879	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:30	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.879	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:30	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.879	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:30	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	0.879	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:30	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.220	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:30	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.220	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:30	ESJ
356-02-2	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	1.10	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:30	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	5.50	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:30	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	5.50	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:30	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	2.20	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:30	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.220	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:30	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	2.20	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:30	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.220	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:30	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*94.6 %*	*25-150*
Surrogate: M5PFHxA	*95.1 %*	*25-150*
Surrogate: M4PFHpA	*92.0 %*	*25-150*
Surrogate: M3PFHxS	*99.2 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*89.4 %*	*25-150*
Surrogate: M6PFDA	*93.1 %*	*25-150*
Surrogate: M7PFUdA	*75.3 %*	*25-150*

Sample Information

Client Sample ID: **Grid 1 CS-1** **York Sample ID:** **23A0211-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0211	27-09 40th Avenue LIC 19-401	Soil	January 4, 2023 11:30 am	01/05/2023

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

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*66.5 %*		*25-150*						
	Surrogate: M2PFTeDA	*49.0 %*		*10-150*						
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*100 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*86.4 %*		*25-150*						
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*102 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*106 %*		*10-150*						
	Surrogate: d3-N-MeFOSAA	*76.2 %*		*25-150*						
	Surrogate: d5-N-EtFOSAA	*80.7 %*		*25-150*						
	Surrogate: M2-6:2 FTS	*73.9 %*		*25-200*						
	Surrogate: M2-8:2 FTS	*69.2 %*		*25-200*						
	Surrogate: M9PFNA	*101 %*		*25-150*						
	Surrogate: M2-4:2 FTS	*59.7 %*		*25-150*						
	Surrogate: d-N-MeFOSA	*73.1 %*		*25-150*						
	Surrogate: d-N-EtFOSA	*89.6 %*		*25-150*						
	Surrogate: M3HFPO-DA	*91.8 %*		*25-150*						
	Surrogate: d9-N-EtFOSE	*58.0 %*		*25-150*						
	Surrogate: d7-N-MeFOSE	*69.2 %*		*25-150*						

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.3**		%	0.100	1	SM 2540G	01/06/2023 13:50	01/06/2023 15:54	YR
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **23A0211-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0211	27-09 40th Avenue LIC 19-401	Water	January 4, 2023 8:00 am	01/05/2023

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

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **23A0211-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0211	27-09 40th Avenue LIC 19-401	Water	January 4, 2023 8:00 am	01/05/2023

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	2.04	1	EPA 1633 Draft 2 Certifications:	01/05/2023 20:30	01/09/2023 22:11	ESJ
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ng/L	2.04	1	EPA 1633 Draft 2 Certifications:	01/05/2023 20:30	01/09/2023 22:11	ESJ
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ng/L	2.04	1	EPA 1633 Draft 2 Certifications:	01/05/2023 20:30	01/09/2023 22:11	ESJ
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	2.04	1	EPA 1633 Draft 2 Certifications:	01/05/2023 20:30	01/09/2023 22:11	ESJ
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ng/L	2.04	1	EPA 1633 Draft 2 Certifications:	01/05/2023 20:30	01/09/2023 22:11	ESJ
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	2.04	1	EPA 1633 Draft 2 Certifications:	01/05/2023 20:30	01/09/2023 22:11	ESJ
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ng/L	2.04	1	EPA 1633 Draft 2 Certifications:	01/05/2023 20:30	01/09/2023 22:11	ESJ
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	2.04	1	EPA 1633 Draft 2 Certifications:	01/05/2023 20:30	01/09/2023 22:11	ESJ
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	2.04	1	EPA 1633 Draft 2 Certifications:	01/05/2023 20:30	01/09/2023 22:11	ESJ
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	2.04	1	EPA 1633 Draft 2 Certifications:	01/05/2023 20:30	01/09/2023 22:11	ESJ
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	2.04	1	EPA 1633 Draft 2 Certifications:	01/05/2023 20:30	01/09/2023 22:11	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	2.04	1	EPA 1633 Draft 2 Certifications:	01/05/2023 20:30	01/09/2023 22:11	ESJ
2355-31-9	* N-MeFOSAA	ND		ng/L	2.04	1	EPA 1633 Draft 2 Certifications:	01/05/2023 20:30	01/09/2023 22:11	ESJ
2991-50-6	* N-EtFOSAA	ND		ng/L	2.04	1	EPA 1633 Draft 2 Certifications:	01/05/2023 20:30	01/09/2023 22:11	ESJ
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ng/L	4.08	1	EPA 1633 Draft 2 Certifications:	01/05/2023 20:30	01/09/2023 22:11	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	2.04	1	EPA 1633 Draft 2 Certifications:	01/05/2023 20:30	01/09/2023 22:11	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	2.04	1	EPA 1633 Draft 2 Certifications:	01/05/2023 20:30	01/09/2023 22:11	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	2.04	1	EPA 1633 Draft 2 Certifications:	01/05/2023 20:30	01/09/2023 22:11	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	8.17	1	EPA 1633 Draft 2 Certifications:	01/05/2023 20:30	01/09/2023 22:11	ESJ
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	8.17	1	EPA 1633 Draft 2 Certifications:	01/05/2023 20:30	01/09/2023 22:11	ESJ
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	8.17	1	EPA 1633 Draft 2 Certifications:	01/05/2023 20:30	01/09/2023 22:11	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	4.08	1	EPA 1633 Draft 2 Certifications:	01/05/2023 20:30	01/09/2023 22:11	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	4.08	1	EPA 1633 Draft 2 Certifications:	01/05/2023 20:30	01/09/2023 22:11	ESJ

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **23A0211-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0211	27-09 40th Avenue LIC 19-401	Water	January 4, 2023 8:00 am	01/05/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	4.08	1	EPA 1633 Draft 2 Certifications:	01/05/2023 20:30	01/09/2023 22:11	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	4.08	1	EPA 1633 Draft 2 Certifications:	01/05/2023 20:30	01/09/2023 22:11	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	2.04	1	EPA 1633 Draft 2 Certifications:	01/05/2023 20:30	01/09/2023 22:11	ESJ
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	8.17	1	EPA 1633 Draft 2 Certifications:	01/05/2023 20:30	01/09/2023 22:11	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ng/L	8.17	1	EPA 1633 Draft 2 Certifications:	01/05/2023 20:30	01/09/2023 22:11	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ng/L	8.17	1	EPA 1633 Draft 2 Certifications:	01/05/2023 20:30	01/09/2023 22:11	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ng/L	8.17	1	EPA 1633 Draft 2 Certifications:	01/05/2023 20:30	01/09/2023 22:11	ESJ
919005-14-4	* ADONA	ND		ng/L	8.17	1	EPA 1633 Draft 2 Certifications:	01/05/2023 20:30	01/09/2023 22:11	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	2.04	1	EPA 1633 Draft 2 Certifications:	01/05/2023 20:30	01/09/2023 22:11	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	2.04	1	EPA 1633 Draft 2 Certifications:	01/05/2023 20:30	01/09/2023 22:11	ESJ
356-02-2	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	5.11	1	EPA 1633 Draft 2 Certifications:	01/05/2023 20:30	01/09/2023 22:11	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	25.5	1	EPA 1633 Draft 2 Certifications:	01/05/2023 20:30	01/09/2023 22:11	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	25.5	1	EPA 1633 Draft 2 Certifications:	01/05/2023 20:30	01/09/2023 22:11	ESJ
24448-09-7	* N-MeFOSE	ND		ng/L	20.4	1	EPA 1633 Draft 2 Certifications:	01/05/2023 20:30	01/09/2023 22:11	ESJ
31506-32-8	* N-MeFOSA	ND		ng/L	2.04	1	EPA 1633 Draft 2 Certifications:	01/05/2023 20:30	01/09/2023 22:11	ESJ
1691-99-2	* N-EtFOSE	ND		ng/L	20.4	1	EPA 1633 Draft 2 Certifications:	01/05/2023 20:30	01/09/2023 22:11	ESJ
4151-50-2	* **N-EtFOSA**	**1.32**		ng/L	0.204	1	EPA 1633 Draft 2 Certifications:	01/05/2023 20:30	01/09/2023 22:11	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*95.0 %*	*25-150*
Surrogate: M5PFHxA	*100 %*	*25-150*
Surrogate: M4PFHpA	*101 %*	*25-150*
Surrogate: M3PFHxS	*107 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*99.3 %*	*25-150*
Surrogate: M6PFDA	*107 %*	*25-150*
Surrogate: M7PFUdA	*92.7 %*	*25-150*

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **23A0211-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0211	27-09 40th Avenue LIC 19-401	Water	January 4, 2023 8:00 am	01/05/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*63.5 %*			*25-150*					
	Surrogate: M2PFTeDA	*25.1 %*			*10-150*					
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*105 %*			*25-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*125 %*			*25-150*					
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*103 %*			*25-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*105 %*			*10-150*					
	Surrogate: d3-N-MeFOSAA	*89.7 %*			*25-150*					
	Surrogate: d5-N-EtFOSAA	*81.8 %*			*25-150*					
	Surrogate: M2-6:2 FTS	*90.3 %*			*25-200*					
	Surrogate: M2-8:2 FTS	*137 %*			*25-200*					
	Surrogate: M9PFNA	*116 %*			*25-150*					
	Surrogate: M2-4:2 FTS	*70.1 %*			*25-150*					
	Surrogate: d-N-MeFOSA	*50.9 %*			*25-150*					
	Surrogate: d-N-EtFOSA	*62.4 %*			*25-150*					
	Surrogate: M3HFPO-DA	*96.4 %*			*25-150*					
	Surrogate: d9-N-EtFOSE	*14.6 %*			*25-150*					
	Surrogate: d7-N-MeFOSE	*25.9 %*			*25-150*					

Analytical Batch Summary

Batch ID: BA30171 **Preparation Method:** EPA 1633 Prep **Prepared By:** BAMW

YORK Sample ID	Client Sample ID	Preparation Date
23A0211-02	Field Blank	01/05/23
BA30171-BLK1	Blank	01/05/23
BA30171-BS1	LCS	01/05/23
BA30171-BS2	LCS	01/05/23
BA30171-DUP1	Duplicate	01/05/23

Batch ID: BA30260 **Preparation Method:** EPA 1633 Prep **Prepared By:** WJH

YORK Sample ID	Client Sample ID	Preparation Date
23A0211-01	Grid 1 CS-1	01/06/23
BA30260-BLK1	Blank	01/06/23
BA30260-BS1	LCS	01/06/23
BA30260-BS2	LCS	01/06/23
BA30260-DUP1	Duplicate	01/06/23

Batch ID: BA30280 **Preparation Method:** % Solids Prep **Prepared By:** YR

YORK Sample ID	Client Sample ID	Preparation Date
23A0211-01	Grid 1 CS-1	01/06/23
BA30280-DUP1	Duplicate	01/06/23

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30171 - EPA 1633 Prep											
Blank (BA30171-BLK1)											Prepared: 01/05/2023 Analyzed: 01/09/2023
Perfluorobutanesulfonic acid (PFBS)	ND	2.00	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	2.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	2.00	"								
Perfluorooctanoic acid (PFOA)	ND	2.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	2.00	"								
Perfluorononanoic acid (PFNA)	ND	2.00	"								
Perfluorodecanoic acid (PFDA)	ND	2.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"								
Perfluorododecanoic acid (PFDoA)	ND	2.00	"								
Perfluorotridecanoic acid (PFTrDA)	ND	2.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"								
N-MeFOSAA	ND	2.00	"								
N-EtFOSAA	ND	2.00	"								
Perfluoropentanoic acid (PFPeA)	ND	4.00	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	2.00	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	2.00	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	8.00	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	8.00	"								
Perfluoro-n-butanoic acid (PFBA)	ND	8.00	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	4.00	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	4.00	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	4.00	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	4.00	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	2.00	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	8.00	"								
HFPO-DA (Gen-X)	ND	8.00	"								
11CL-PF3OUdS	ND	8.00	"								
9CL-PF3ONS	ND	8.00	"								
ADONA	ND	8.00	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	2.00	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	2.00	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	5.00	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	25.0	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	25.0	"								
N-MeFOSE	ND	20.0	"								
N-MeFOSA	ND	2.00	"								
N-EtFOSE	ND	20.0	"								
N-EtFOSA	ND	0.200	"								
Surrogate: M3PFBS	*51.0*		"	*46.6*		*110*	*25-150*				
Surrogate: M5PFHxA	*55.0*		"	*50.0*		*110*	*25-150*				
Surrogate: M4PFHpA	*53.4*		"	*50.0*		*107*	*25-150*				
Surrogate: M3PFHxS	*57.9*		"	*47.4*		*122*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*53.0*		"	*50.0*		*106*	*25-150*				
Surrogate: M6PFDA	*26.7*		"	*25.0*		*107*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30171 - EPA 1633 Prep											
Blank (BA30171-BLK1)											Prepared: 01/05/2023 Analyzed: 01/09/2023
Surrogate: M7PFUdA	*22.0*		*ng/L*	*25.0*		*87.9*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*19.0*		*"*	*25.0*		*75.9*	*25-150*				
Surrogate: M2PFTeDA	*8.15*		*"*	*25.0*		*32.6*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*230*		*"*	*200*		*115*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*57.9*		*"*	*47.9*		*121*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*115*		*"*	*100*		*115*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*46.2*		*"*	*50.0*		*92.4*	*10-150*				
Surrogate: d3-N-MeFOSAA	*68.9*		*"*	*100*		*68.9*	*25-150*				
Surrogate: d5-N-EtFOSAA	*60.9*		*"*	*100*		*60.9*	*25-150*				
Surrogate: M2-6:2 FTS	*82.0*		*"*	*95.1*		*86.2*	*25-200*				
Surrogate: M2-8:2 FTS	*77.2*		*"*	*96.0*		*80.5*	*25-200*				
Surrogate: M9PFNA	*28.3*		*"*	*25.0*		*113*	*25-150*				
Surrogate: M2-4:2 FTS	*74.0*		*"*	*93.8*		*78.9*	*25-150*				
Surrogate: d-N-MeFOSA	*33.0*		*"*	*50.0*		*66.1*	*25-150*				
Surrogate: d-N-EtFOSA	*46.4*		*"*	*50.0*		*92.9*	*25-150*				
Surrogate: M3HFPO-DA	*192*		*"*	*200*		*96.0*	*25-150*				
Surrogate: d9-N-EtFOSE	*123*		*"*	*500*		*24.7*	*25-150*				
Surrogate: d7-N-MeFOSE	*179*		*"*	*500*		*35.9*	*25-150*				
LCS (BA30171-BS1)											Prepared: 01/05/2023 Analyzed: 01/09/2023
Perfluorobutanesulfonic acid (PFBS)	71.8	2.00	ng/L	70.8		101	50-150				
Perfluorohexanoic acid (PFHxA)	78.5	2.00	"	80.0		98.1	50-150				
Perfluoroheptanoic acid (PFHpA)	88.2	2.00	"	80.0		110	50-150				
Perfluorohexanesulfonic acid (PFHxS)	92.3	2.00	"	73.2		126	50-150				
Perfluorooctanoic acid (PFOA)	81.7	2.00	"	80.0		102	50-150				
Perfluorooctanesulfonic acid (PFOS)	72.6	2.00	"	74.4		97.6	50-150				
Perfluorononanoic acid (PFNA)	70.0	2.00	"	80.0		87.5	50-150				
Perfluorodecanoic acid (PFDA)	83.7	2.00	"	80.0		105	50-150				
Perfluoroundecanoic acid (PFUnA)	95.9	2.00	"	80.0		120	50-150				
Perfluorododecanoic acid (PFDoA)	85.9	2.00	"	80.0		107	50-150				
Perfluorotridecanoic acid (PFTrDA)	117	2.00	"	80.0		147	50-150				
Perfluorotetradecanoic acid (PFTA)	77.8	2.00	"	80.0		97.2	50-150				
N-MeFOSAA	81.3	2.00	"	80.0		102	50-150				
N-EtFOSAA	86.4	2.00	"	80.0		108	50-150				
Perfluoropentanoic acid (PFPeA)	162	4.00	"	160		101	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	89.8	2.00	"	80.0		112	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	80.7	2.00	"	76.4		106	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	57.3	2.00	"	77.2		74.2	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	304	8.00	"	304		99.9	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	312	8.00	"	307		101	50-150				
Perfluoro-n-butanoic acid (PFBA)	320	8.00	"	320		100	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	158	4.00	"	142		111	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	107	4.00	"	160		67.0	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	172	4.00	"	160		108	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	170	4.00	"	160		106	50-150				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30171 - EPA 1633 Prep											
LCS (BA30171-BS1)								Prepared: 01/05/2023 Analyzed: 01/09/2023			
Perfluoro-1-pentanesulfonate (PFPeS)	72.4	2.00	ng/L	75.2		96.2	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	294	8.00	"	300		98.1	50-150				
HFPO-DA (Gen-X)	162	8.00	"	160		102	50-150				
11CL-PF3OUdS	129	8.00	"	151		85.2	50-150				
9CL-PF3ONS	175	8.00	"	150		117	50-150				
ADONA	172	8.00	"	151		114	50-150				
Perfluorododecanesulfonic acid (PFDoS)	34.6	2.00	"	77.6		44.6	50-150	Low Bias			
Perfluoro-1-nonanesulfonic acid (PFNS)	83.4	2.00	"	76.8		109	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	383	5.00	"	320		120	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	2150	25.0	"	1600		134	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	2340	25.0	"	1600		146	50-150				
N-MeFOSE	799	20.0	"	800		99.9	50-150				
N-MeFOSA	91.2	2.00	"	80.0		114	50-150				
N-EtFOSE	850	20.0	"	800		106	50-150				
N-EtFOSA	64.0	0.200	"	80.0		80.0	50-150				
Surrogate: M3PFBS	*49.1*		"	*46.6*		*105*	*25-150*				
Surrogate: M5PFHxA	*55.7*		"	*50.0*		*111*	*25-150*				
Surrogate: M4PFHpA	*49.4*		"	*50.0*		*98.9*	*25-150*				
Surrogate: M3PFHxS	*56.8*		"	*47.4*		*120*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*47.8*		"	*50.0*		*95.7*	*25-150*				
Surrogate: M6PFDA	*23.9*		"	*25.0*		*95.7*	*25-150*				
Surrogate: M7PFUdA	*17.9*		"	*25.0*		*71.5*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*15.0*		"	*25.0*		*60.2*	*25-150*				
Surrogate: M2PFTeDA	*7.96*		"	*25.0*		*31.9*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*219*		"	*200*		*110*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*54.0*		"	*47.9*		*113*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*110*		"	*100*		*110*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*41.3*		"	*50.0*		*82.7*	*10-150*				
Surrogate: d3-N-MeFOSAA	*68.0*		"	*100*		*68.0*	*25-150*				
Surrogate: d5-N-EtFOSAA	*60.2*		"	*100*		*60.2*	*25-150*				
Surrogate: M2-6:2 FTS	*88.5*		"	*95.1*		*93.0*	*25-200*				
Surrogate: M2-8:2 FTS	*83.0*		"	*96.0*		*86.5*	*25-200*				
Surrogate: M9PFNA	*26.7*		"	*25.0*		*107*	*25-150*				
Surrogate: M2-4:2 FTS	*77.9*		"	*93.8*		*83.0*	*25-150*				
Surrogate: d-N-MeFOSA	*29.0*		"	*50.0*		*58.0*	*25-150*				
Surrogate: d-N-EtFOSA	*45.2*		"	*50.0*		*90.4*	*25-150*				
Surrogate: M3HFPO-DA	*208*		"	*200*		*104*	*25-150*				
Surrogate: d9-N-EtFOSE	*119*		"	*500*		*23.9*	*25-150*				
Surrogate: d7-N-MeFOSE	*174*		"	*500*		*34.8*	*25-150*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30171 - EPA 1633 Prep											
LCS (BA30171-BS2)								Prepared: 01/05/2023 Analyzed: 01/09/2023			
Perfluorobutanesulfonic acid (PFBS)	7.40	2.00	ng/L	7.08		105	50-150				
Perfluorohexanoic acid (PFHxA)	7.50	2.00	"	8.00		93.7	50-150				
Perfluoroheptanoic acid (PFHpA)	7.72	2.00	"	8.00		96.6	50-150				
Perfluorohexanesulfonic acid (PFHxS)	9.38	2.00	"	7.32		128	50-150				
Perfluorooctanoic acid (PFOA)	7.92	2.00	"	8.00		99.1	50-150				
Perfluorooctanesulfonic acid (PFOS)	8.39	2.00	"	7.44		113	50-150				
Perfluorononanoic acid (PFNA)	6.11	2.00	"	8.00		76.4	50-150				
Perfluorodecanoic acid (PFDA)	8.30	2.00	"	8.00		104	50-150				
Perfluoroundecanoic acid (PFUnA)	8.15	2.00	"	8.00		102	50-150				
Perfluorododecanoic acid (PFDoA)	6.98	2.00	"	8.00		87.3	50-150				
Perfluorotridecanoic acid (PFTrDA)	13.4	2.00	"	8.00		167	50-150	High Bias			
Perfluorotetradecanoic acid (PFTA)	7.43	2.00	"	8.00		92.9	50-150				
N-MeFOSAA	7.13	2.00	"	8.00		89.2	50-150				
N-EtFOSAA	8.95	2.00	"	8.00		112	50-150				
Perfluoropentanoic acid (PFPeA)	16.1	4.00	"	16.0		100	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	8.39	2.00	"	8.00		105	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	7.74	2.00	"	7.64		101	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	5.42	2.00	"	7.72		70.2	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	31.7	8.00	"	30.4		104	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	35.3	8.00	"	30.7		115	50-150				
Perfluoro-n-butanoic acid (PFBA)	30.7	8.00	"	32.0		95.8	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	15.9	4.00	"	14.2		112	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	9.56	4.00	"	16.0		59.7	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	17.3	4.00	"	16.0		108	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	16.8	4.00	"	16.0		105	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	7.69	2.00	"	7.52		102	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	33.6	8.00	"	30.0		112	50-150				
HFPO-DA (Gen-X)	15.6	8.00	"	16.0		97.5	50-150				
11CL-PF3OUdS	12.2	8.00	"	15.1		80.9	50-150				
9CL-PF3ONS	17.0	8.00	"	15.0		114	50-150				
ADONA	18.2	8.00	"	15.1		120	50-150				
Perfluorododecanesulfonic acid (PFDoS)	3.01	2.00	"	7.76		38.9	50-150	Low Bias			
Perfluoro-1-nonanesulfonic acid (PFNS)	9.23	2.00	"	7.68		120	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	38.2	5.00	"	32.0		119	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	211	25.0	"	160		132	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	227	25.0	"	160		142	50-150				
N-MeFOSE	70.4	20.0	"	80.0		88.1	50-150				
N-MeFOSA	8.40	2.00	"	8.00		105	50-150				
N-EtFOSE	86.0	20.0	"	80.0		108	50-150				
N-EtFOSA	27.9	0.200	"	8.00		349	50-150	High Bias			
Surrogate: M3PFBS	*47.5*		"	*46.6*		*102*	*25-150*				
Surrogate: M5PFHxA	*57.9*		"	*50.0*		*116*	*25-150*				
Surrogate: M4PFHpA	*54.0*		"	*50.0*		*108*	*25-150*				
Surrogate: M3PFHxS	*53.4*		"	*47.4*		*113*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*50.9*		"	*50.0*		*102*	*25-150*				
Surrogate: M6PFDA	*26.2*		"	*25.0*		*105*	*25-150*				
Surrogate: M7PFUdA	*23.0*		"	*25.0*		*91.8*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30171 - EPA 1633 Prep											
LCS (BA30171-BS2)									Prepared: 01/05/2023 Analyzed: 01/09/2023		
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*19.6*		*ng/L*	*25.0*		*78.4*	*25-150*				
Surrogate: M2PFTeDA	*6.01*		*"*	*25.0*		*24.1*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*222*		*"*	*200*		*111*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*53.0*		*"*	*47.9*		*111*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*114*		*"*	*100*		*114*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*45.4*		*"*	*50.0*		*90.8*	*10-150*				
Surrogate: d3-N-MeFOSAA	*64.3*		*"*	*100*		*64.3*	*25-150*				
Surrogate: d5-N-EtFOSAA	*56.4*		*"*	*100*		*56.4*	*25-150*				
Surrogate: M2-6:2 FTS	*76.7*		*"*	*95.1*		*80.7*	*25-200*				
Surrogate: M2-8:2 FTS	*71.0*		*"*	*96.0*		*74.0*	*25-200*				
Surrogate: M9PFNA	*29.5*		*"*	*25.0*		*118*	*25-150*				
Surrogate: M2-4:2 FTS	*65.3*		*"*	*93.8*		*69.6*	*25-150*				
Surrogate: d-N-MeFOSA	*29.2*		*"*	*50.0*		*58.3*	*25-150*				
Surrogate: d-N-EtFOSA	*36.1*		*"*	*50.0*		*72.2*	*25-150*				
Surrogate: M3HFPO-DA	*206*		*"*	*200*		*103*	*25-150*				
Surrogate: d9-N-EtFOSE	*73.7*		*"*	*500*		*14.7*	*25-150*				
Surrogate: d7-N-MeFOSE	*122*		*"*	*500*		*24.4*	*25-150*				
Duplicate (BA30171-DUP1)	*Source sample: 22L1383-02 (Duplicate)								Prepared: 01/05/2023 Analyzed: 01/09/2023		
Perfluorobutanesulfonic acid (PFBS)	78.9	1.86	ng/L		84.2				6.55	30	
Perfluorohexanoic acid (PFHxA)	447	1.86	"		474				5.83	30	
Perfluoroheptanoic acid (PFHpA)	385	1.86	"		401				3.91	30	
Perfluorooctanoic acid (PFOA)	565	1.86	"		564				0.0754	30	
Perfluorononanoic acid (PFNA)	186	1.86	"		181				3.15	30	
Perfluorodecanoic acid (PFDA)	16.2	1.86	"		18.6				13.6	30	
Perfluoroundecanoic acid (PFUnA)	51.5	1.86	"		53.5				3.92	30	
Perfluorododecanoic acid (PFDoA)	ND	1.86	"		ND					30	
Perfluorotridecanoic acid (PFTrDA)	1.06	1.86	"		ND					30	
Perfluorotetradecanoic acid (PFTA)	ND	1.86	"		ND					30	
N-MeFOSAA	ND	1.86	"		ND					30	
N-EtFOSAA	ND	1.86	"		ND					30	
Perfluoropentanoic acid (PFPeA)	679	3.72	"		692				1.86	30	
Perfluoro-1-octanesulfonamide (FOSA)	8.51	1.86	"		8.03				5.78	30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	78.8	1.86	"		80.6				2.28	30	
Perfluoro-1-decanesulfonic acid (PFDS)	ND	1.86	"		ND					30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	258	7.44	"		265				2.81	30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	42.5	7.44	"		37.3				13.0	30	
Perfluoro-n-butanoic acid (PFBA)	165	7.44	"		167				1.21	30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	3.72	"		ND					30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	3.72	"		ND					30	
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	3.72	"		ND					30	
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	3.72	"		ND					30	
Perfluoro-1-pentanesulfonate (PFPeS)	171	1.86	"		188				9.45	30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	7.44	"		ND					30	

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30171 - EPA 1633 Prep											
Duplicate (BA30171-DUP1)	*Source sample: 22L1383-02 (Duplicate)								Prepared: 01/05/2023 Analyzed: 01/09/2023		
HFPO-DA (Gen-X)	ND	7.44	ng/L		3.36					30	
11CL-PF3OUdS	ND	7.44	"		ND					30	
9CL-PF3ONS	ND	7.44	"		ND					30	
ADONA	ND	7.44	"		ND					30	
Perfluorododecanesulfonic acid (PFDoS)	ND	1.86	"		ND					30	
Perfluoro-1-nonanesulfonic acid (PFNS)	1.80	1.86	"		1.25				35.6	30	Non-dir.
3-Perfluoropropyl propanoic acid (FPrPA)	ND	4.65	"		ND					30	
3-Perfluoropentyl propanoic acid (FPePA)	ND	23.3	"		ND					30	
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	23.3	"		ND					30	
N-MeFOSE	ND	18.6	"		ND					30	
N-MeFOSA	ND	1.86	"		ND					30	
N-EtFOSE	ND	18.6	"		ND					30	
N-EtFOSA	ND	0.186	"		ND					30	
Surrogate: M3PFBS	*51.0*		"	*43.4*		*118*	*25-150*				
Surrogate: M5PFHxA	*44.8*		"	*46.5*		*96.3*	*25-150*				
Surrogate: M4PFHpA	*40.2*		"	*46.5*		*86.4*	*25-150*				
Surrogate: M3PFHxS	*46.8*		"	*44.1*		*106*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*44.3*		"	*46.5*		*95.2*	*25-150*				
Surrogate: M6PFDA	*20.9*		"	*23.3*		*89.8*	*25-150*				
Surrogate: M7PFUdA	*16.8*		"	*23.3*		*72.2*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*13.7*		"	*23.3*		*58.8*	*25-150*				
Surrogate: M2PFTeDA	*7.92*		"	*23.3*		*34.0*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*196*		"	*186*		*105*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*47.3*		"	*44.6*		*106*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*94.8*		"	*93.1*		*102*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*58.8*		"	*46.5*		*126*	*10-150*				
Surrogate: d3-N-MeFOSAA	*93.1*		"	*93.1*		*100*	*25-150*				
Surrogate: d5-N-EtFOSAA	*84.9*		"	*93.1*		*91.2*	*25-150*				
Surrogate: M2-6:2 FTS	*83.9*		"	*88.5*		*94.8*	*25-200*				
Surrogate: M2-8:2 FTS	*80.0*		"	*89.3*		*89.5*	*25-200*				
Surrogate: M9PFNA	*26.6*		"	*23.3*		*114*	*25-150*				
Surrogate: M2-4:2 FTS	*126*		"	*87.3*		*145*	*25-150*				
Surrogate: d-N-MeFOSA	*37.8*		"	*46.5*		*81.3*	*25-150*				
Surrogate: d-N-EtFOSA	*43.3*		"	*46.5*		*93.1*	*25-150*				
Surrogate: M3HFPO-DA	*169*		"	*186*		*91.0*	*25-150*				
Surrogate: d9-N-EtFOSE	*111*		"	*465*		*23.9*	*25-150*				
Surrogate: d7-N-MeFOSE	*187*		"	*465*		*40.3*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30260 - EPA 1633 Prep											
Blank (BA30260-BLK1)											Prepared: 01/06/2023 Analyzed: 01/10/2023
Perfluorobutanesulfonic acid (PFBS)	ND	0.200	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.200	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.200	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.200	"								
Perfluorooctanoic acid (PFOA)	ND	0.200	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.200	"								
Perfluorononanoic acid (PFNA)	ND	0.200	"								
Perfluorodecanoic acid (PFDA)	ND	0.200	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.200	"								
Perfluorododecanoic acid (PFDoA)	ND	0.200	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.200	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.200	"								
N-MeFOSAA	ND	0.200	"								
N-EtFOSAA	ND	0.200	"								
Perfluoropentanoic acid (PFPeA)	ND	0.400	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.200	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.200	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.200	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	0.800	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	0.800	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.800	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.400	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.400	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.400	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.400	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.200	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	0.800	"								
HFPO-DA (Gen-X)	ND	0.800	"								
11CL-PF3OUdS	ND	0.800	"								
9CL-PF3ONS	ND	0.800	"								
ADONA	ND	0.800	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.200	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.200	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	1.00	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	5.00	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	5.00	"								
N-MeFOSE	ND	2.00	"								
N-MeFOSA	ND	0.200	"								
N-EtFOSE	ND	2.00	"								
N-EtFOSA	ND	0.200	"								
Surrogate: M3PFBS	*2.04*		"	*2.33*		*87.4*	*25-150*				
Surrogate: M5PFHxA	*2.50*		"	*2.50*		*100*	*25-150*				
Surrogate: M4PFHpA	*2.44*		"	*2.50*		*97.5*	*25-150*				
Surrogate: M3PFHxS	*2.39*		"	*2.37*		*101*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.50*		"	*2.50*		*100*	*25-150*				
Surrogate: M6PFDA	*1.09*		"	*1.25*		*87.4*	*25-150*				
Surrogate: M7PFUdA	*1.04*		"	*1.25*		*83.4*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30260 - EPA 1633 Prep											
Blank (BA30260-BLK1)											
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.948*		*ug/kg wet*	*1.25*		*75.8*	*25-150*				
Surrogate: M2PFTeDA	*0.750*		*"*	*1.25*		*60.0*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*10.0*		*"*	*10.0*		*100*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.60*		*"*	*2.40*		*108*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.42*		*"*	*5.00*		*108*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*0.653*		*"*	*2.50*		*26.1*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.15*		*"*	*5.00*		*83.0*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.36*		*"*	*5.00*		*87.2*	*25-150*				
Surrogate: M2-6:2 FTS	*3.40*		*"*	*4.76*		*71.5*	*25-200*				
Surrogate: M2-8:2 FTS	*3.08*		*"*	*4.80*		*64.1*	*25-200*				
Surrogate: M9PFNA	*1.22*		*"*	*1.25*		*98.0*	*25-150*				
Surrogate: M2-4:2 FTS	*3.00*		*"*	*4.69*		*64.0*	*25-150*				
Surrogate: d-N-MeFOSA	*0.568*		*"*	*2.50*		*22.7*	*25-150*				
Surrogate: d-N-EtFOSA	*1.38*		*"*	*2.50*		*55.1*	*25-150*				
Surrogate: M3HFPO-DA	*9.26*		*"*	*10.0*		*92.6*	*25-150*				
Surrogate: d9-N-EtFOSE	*5.57*		*"*	*25.0*		*22.3*	*25-150*				
Surrogate: d7-N-MeFOSE	*5.41*		*"*	*25.0*		*21.7*	*25-150*				
LCS (BA30260-BS1)											
Perfluorobutanesulfonic acid (PFBS)	3.94	0.198	ug/kg wet	3.50		112	50-150				
Perfluorohexanoic acid (PFHxA)	4.67	0.198	"	3.96		118	50-150				
Perfluoroheptanoic acid (PFHpA)	4.59	0.198	"	3.96		116	50-150				
Perfluorohexanesulfonic acid (PFHxS)	5.13	0.198	"	3.62		142	50-150				
Perfluorooctanoic acid (PFOA)	4.34	0.198	"	3.96		110	50-150				
Perfluorooctanesulfonic acid (PFOS)	4.07	0.198	"	3.68		111	50-150				
Perfluorononanoic acid (PFNA)	3.88	0.198	"	3.96		98.0	50-150				
Perfluorodecanoic acid (PFDA)	4.69	0.198	"	3.96		119	50-150				
Perfluoroundecanoic acid (PFUnA)	4.15	0.198	"	3.96		105	50-150				
Perfluorododecanoic acid (PFDoA)	4.60	0.198	"	3.96		116	50-150				
Perfluorotridecanoic acid (PFTrDA)	4.40	0.198	"	3.96		111	50-150				
Perfluorotetradecanoic acid (PFTA)	3.89	0.198	"	3.96		98.2	50-150				
N-MeFOSAA	4.21	0.198	"	3.96		106	50-150				
N-EtFOSAA	4.35	0.198	"	3.96		110	50-150				
Perfluoropentanoic acid (PFPeA)	8.85	0.396	"	7.92		112	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	3.87	0.198	"	3.96		97.7	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.62	0.198	"	3.78		122	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	4.11	0.198	"	3.82		107	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	16.6	0.792	"	15.0		110	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	16.8	0.792	"	15.2		110	50-150				
Perfluoro-n-butanoic acid (PFBA)	17.5	0.792	"	15.8		110	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	9.13	0.396	"	7.05		130	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	5.79	0.396	"	7.92		73.0	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	9.94	0.396	"	7.92		125	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	9.29	0.396	"	7.92		117	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	4.10	0.198	"	3.72		110	50-150				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30260 - EPA 1633 Prep											
LCS (BA30260-BS1)								Prepared: 01/06/2023 Analyzed: 01/10/2023			
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	15.9	0.792	ug/kg wet	14.9		107	50-150				
HFPO-DA (Gen-X)	9.22	0.792	"	7.92		116	50-150				
11CL-PF3OUdS	7.47	0.792	"	7.49		99.7	50-150				
9CL-PF3ONS	8.40	0.792	"	7.41		113	50-150				
ADONA	9.13	0.792	"	7.49		122	50-150				
Perfluorododecanesulfonic acid (PFDoS)	2.79	0.198	"	3.84		72.6	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	4.63	0.198	"	3.80		122	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	3.36	0.990	"	15.8		21.2	50-150	Low Bias			
3-Perfluoropentyl propanoic acid (FPePA)	49.3	4.95	"	79.2		62.2	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	60.3	4.95	"	79.2		76.1	50-150				
N-MeFOSE	41.5	1.98	"	39.6		105	50-150				
N-MeFOSA	3.99	0.198	"	3.96		101	50-150				
N-EtFOSE	46.5	1.98	"	39.6		117	50-150				
N-EtFOSA	3.53	0.198	"	3.96		89.1	50-150				
Surrogate: M3PFBS	*2.20*		"	*2.31*		*95.3*	*25-150*				
Surrogate: M5PFHxA	*2.25*		"	*2.48*		*90.8*	*25-150*				
Surrogate: M4PFHpA	*2.25*		"	*2.48*		*90.8*	*25-150*				
Surrogate: M3PFHxS	*2.34*		"	*2.35*		*99.7*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.10*		"	*2.48*		*84.9*	*25-150*				
Surrogate: M6PFDA	*0.995*		"	*1.24*		*80.4*	*25-150*				
Surrogate: M7PFUdA	*0.933*		"	*1.24*		*75.4*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.792*		"	*1.24*		*64.0*	*25-150*				
Surrogate: M2PFTeDA	*0.661*		"	*1.24*		*53.4*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*9.82*		"	*9.90*		*99.2*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*1.99*		"	*2.37*		*83.7*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.04*		"	*4.95*		*102*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*0.956*		"	*2.48*		*38.6*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.39*		"	*4.95*		*68.5*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.30*		"	*4.95*		*66.6*	*25-150*				
Surrogate: M2-6:2 FTS	*3.87*		"	*4.71*		*82.3*	*25-200*				
Surrogate: M2-8:2 FTS	*3.77*		"	*4.75*		*79.3*	*25-200*				
Surrogate: M9PFNA	*1.09*		"	*1.24*		*88.1*	*25-150*				
Surrogate: M2-4:2 FTS	*3.80*		"	*4.64*		*81.7*	*25-150*				
Surrogate: d-N-MeFOSA	*0.767*		"	*2.48*		*31.0*	*25-150*				
Surrogate: d-N-EtFOSA	*1.58*		"	*2.48*		*64.0*	*25-150*				
Surrogate: M3HFPO-DA	*9.12*		"	*9.90*		*92.1*	*25-150*				
Surrogate: d9-N-EtFOSE	*5.88*		"	*24.8*		*23.8*	*25-150*				
Surrogate: d7-N-MeFOSE	*7.11*		"	*24.8*		*28.7*	*25-150*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30260 - EPA 1633 Prep											
LCS (BA30260-BS2)								Prepared: 01/06/2023 Analyzed: 01/10/2023			
Perfluorobutanesulfonic acid (PFBS)	0.401	0.198	ug/kg wet	0.350		114	50-150				
Perfluorohexanoic acid (PFHxA)	0.448	0.198	"	0.396		113	50-150				
Perfluoroheptanoic acid (PFHpA)	0.445	0.198	"	0.396		112	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.526	0.198	"	0.362		145	50-150				
Perfluorooctanoic acid (PFOA)	0.492	0.198	"	0.396		124	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.401	0.198	"	0.368		109	50-150				
Perfluorononanoic acid (PFNA)	0.438	0.198	"	0.396		111	50-150				
Perfluorodecanoic acid (PFDA)	0.438	0.198	"	0.396		110	50-150				
Perfluoroundecanoic acid (PFUnA)	0.476	0.198	"	0.396		120	50-150				
Perfluorododecanoic acid (PFDoA)	0.437	0.198	"	0.396		110	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.468	0.198	"	0.396		118	50-150				
Perfluorotetradecanoic acid (PFTA)	0.412	0.198	"	0.396		104	50-150				
N-MeFOSAA	0.370	0.198	"	0.396		93.3	50-150				
N-EtFOSAA	0.499	0.198	"	0.396		126	50-150				
Perfluoropentanoic acid (PFPeA)	0.865	0.396	"	0.792		109	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.410	0.198	"	0.396		104	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.438	0.198	"	0.378		116	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.371	0.198	"	0.382		97.0	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1.69	0.792	"	1.50		112	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1.79	0.792	"	1.52		118	50-150				
Perfluoro-n-butanoic acid (PFBA)	1.68	0.792	"	1.58		106	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	0.883	0.396	"	0.705		125	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	0.631	0.396	"	0.792		79.7	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.982	0.396	"	0.792		124	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	0.880	0.396	"	0.792		111	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.405	0.198	"	0.372		109	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1.87	0.792	"	1.49		126	50-150				
HFPO-DA (Gen-X)	0.749	0.792	"	0.792		94.6	50-150				
11CL-PF3OUdS	0.788	0.792	"	0.749		105	50-150				
9CL-PF3ONS	0.908	0.792	"	0.741		123	50-150				
ADONA	0.958	0.792	"	0.749		128	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.273	0.198	"	0.384		71.0	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.494	0.198	"	0.380		130	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.990	"	1.58			50-150	Low Bias			
3-Perfluoropentyl propanoic acid (FPePA)	2.62	4.95	"	7.92		33.0	50-150	Low Bias			
3-Perfluoroheptyl propanoic acid (FHpPA)	3.64	4.95	"	7.92		45.9	50-150	Low Bias			
N-MeFOSE	4.40	1.98	"	3.96		111	50-150				
N-MeFOSA	0.642	0.198	"	0.396		162	50-150	High Bias			
N-EtFOSE	4.21	1.98	"	3.96		106	50-150				
N-EtFOSA	0.340	0.198	"	0.396		85.9	50-150				
Surrogate: M3PFBS	*2.09*		*"*	*2.31*		*90.7*	*25-150*				
Surrogate: M5PFHxA	*2.30*		*"*	*2.48*		*92.9*	*25-150*				
Surrogate: M4PFHpA	*2.25*		*"*	*2.48*		*90.8*	*25-150*				
Surrogate: M3PFHxS	*2.29*		*"*	*2.35*		*97.8*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*1.99*		*"*	*2.48*		*80.3*	*25-150*				
Surrogate: M6PFDA	*1.19*		*"*	*1.24*		*96.3*	*25-150*				
Surrogate: M7PFUdA	*1.02*		*"*	*1.24*		*82.1*	*25-150*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30260 - EPA 1633 Prep											
LCS (BA30260-BS2)											
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.966*		*ug/kg wet*	*1.24*		*78.1*	*25-150*				
Surrogate: M2PFTeDA	*0.731*		*"*	*1.24*		*59.1*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*9.68*		*"*	*9.90*		*97.8*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.25*		*"*	*2.37*		*95.1*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.01*		*"*	*4.95*		*101*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*0.411*		*"*	*2.48*		*16.6*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.91*		*"*	*4.95*		*79.0*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.83*		*"*	*4.95*		*77.4*	*25-150*				
Surrogate: M2-6:2 FTS	*3.67*		*"*	*4.71*		*77.9*	*25-200*				
Surrogate: M2-8:2 FTS	*3.33*		*"*	*4.75*		*70.1*	*25-200*				
Surrogate: M9PFNA	*1.30*		*"*	*1.24*		*105*	*25-150*				
Surrogate: M2-4:2 FTS	*3.23*		*"*	*4.64*		*69.5*	*25-150*				
Surrogate: d-N-MeFOSA	*0.300*		*"*	*2.48*		*12.1*	*25-150*				
Surrogate: d-N-EtFOSA	*1.35*		*"*	*2.48*		*54.6*	*25-150*				
Surrogate: M3HFPO-DA	*8.75*		*"*	*9.90*		*88.4*	*25-150*				
Surrogate: d9-N-EtFOSE	*4.14*		*"*	*24.8*		*16.7*	*25-150*				
Surrogate: d7-N-MeFOSE	*4.03*		*"*	*24.8*		*16.3*	*25-150*				
Duplicate (BA30260-DUP1)	*Source sample: 23A0226-08 (Duplicate)										
Perfluorobutanesulfonic acid (PFBS)	ND	0.218	ug/kg dry		ND					30	
Perfluorohexanoic acid (PFHxA)	ND	0.218	"		ND					30	
Perfluoroheptanoic acid (PFHpA)	ND	0.218	"		ND					30	
Perfluorohexanesulfonic acid (PFHxS)	ND	0.218	"		ND					30	
Perfluorooctanoic acid (PFOA)	ND	0.218	"		ND					30	
Perfluorooctanesulfonic acid (PFOS)	ND	0.218	"		ND					30	
Perfluorononanoic acid (PFNA)	ND	0.218	"		ND					30	
Perfluorodecanoic acid (PFDA)	ND	0.218	"		ND					30	
Perfluoroundecanoic acid (PFUnA)	ND	0.218	"		ND					30	
Perfluorododecanoic acid (PFDoA)	ND	0.218	"		ND					30	
Perfluorotridecanoic acid (PFTrDA)	ND	0.218	"		ND					30	
Perfluorotetradecanoic acid (PFTA)	ND	0.218	"		ND					30	
N-MeFOSAA	ND	0.218	"		ND					30	
N-EtFOSAA	ND	0.218	"		ND					30	
Perfluoropentanoic acid (PFPeA)	ND	0.436	"		ND					30	
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.218	"		ND					30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.218	"		ND					30	
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.218	"		ND					30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	0.873	"		ND					30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	0.873	"		ND					30	
Perfluoro-n-butanoic acid (PFBA)	ND	0.873	"		ND					30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.436	"		ND					30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.436	"		ND					30	
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.436	"		ND					30	
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.436	"		ND					30	
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.218	"		ND					30	

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30260 - EPA 1633 Prep											
Duplicate (BA30260-DUP1)	*Source sample: 23A0226-08 (Duplicate)								Prepared: 01/06/2023 Analyzed: 01/10/2023		
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	0.873	ug/kg dry		ND					30	
HFPO-DA (Gen-X)	ND	0.873	"		ND					30	
11CL-PF3OUdS	ND	0.873	"		ND					30	
9CL-PF3ONS	ND	0.873	"		ND					30	
ADONA	ND	0.873	"		ND					30	
Perfluorododecanesulfonic acid (PFDoS)	ND	0.218	"		ND					30	
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.218	"		ND					30	
3-Perfluoropropyl propanoic acid (FPrPA)	ND	1.09	"		ND					30	
3-Perfluoropentyl propanoic acid (FPePA)	ND	5.46	"		ND					30	
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	5.46	"		ND					30	
N-MeFOSE	ND	2.18	"		ND					30	
N-MeFOSA	ND	0.218	"		ND					30	
N-EtFOSE	ND	2.18	"		ND					30	
N-EtFOSA	1.49	0.218	"		ND					30	
Surrogate: M3PFBS	*2.26*		"	*2.54*		*88.8*	*25-150*				
Surrogate: M5PFHxA	*2.62*		"	*2.73*		*96.1*	*25-150*				
Surrogate: M4PFHpA	*2.37*		"	*2.73*		*86.9*	*25-150*				
Surrogate: M3PFHxS	*2.49*		"	*2.59*		*96.5*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.47*		"	*2.73*		*90.6*	*25-150*				
Surrogate: M6PFDA	*1.23*		"	*1.36*		*90.3*	*25-150*				
Surrogate: M7PFUdA	*1.07*		"	*1.36*		*78.2*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.06*		"	*1.36*		*77.6*	*25-150*				
Surrogate: M2PFTeDA	*0.760*		"	*1.36*		*55.7*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*10.3*		"	*10.9*		*94.4*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.40*		"	*2.61*		*91.9*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.38*		"	*5.46*		*98.7*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*0.427*		"	*2.73*		*15.7*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.15*		"	*5.46*		*76.0*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.34*		"	*5.46*		*79.6*	*25-150*				
Surrogate: M2-6:2 FTS	*3.71*		"	*5.19*		*71.5*	*25-200*				
Surrogate: M2-8:2 FTS	*3.40*		"	*5.24*		*64.9*	*25-200*				
Surrogate: M9PFNA	*1.29*		"	*1.36*		*94.7*	*25-150*				
Surrogate: M2-4:2 FTS	*3.10*		"	*5.12*		*60.7*	*25-150*				
Surrogate: d-N-MeFOSA	*0.370*		"	*2.73*		*13.6*	*25-150*				
Surrogate: d-N-EtFOSA	*0.0926*		"	*2.73*		*3.39*	*25-150*				
Surrogate: M3HFPO-DA	*9.36*		"	*10.9*		*85.8*	*25-150*				
Surrogate: d9-N-EtFOSE	*4.11*		"	*27.3*		*15.1*	*25-150*				
Surrogate: d7-N-MeFOSE	*3.83*		"	*27.3*		*14.0*	*25-150*				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30280 - % Solids Prep											
Duplicate (BA30280-DUP1)	*Source sample: 23A0209-01 (Duplicate)							Prepared & Analyzed: 01/06/2023			
% Solids	90.7	0.100	%		91.1				0.500	20	

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Revision Description: This report has been revised to change the Sample IDs.

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. 23A0211

120 Research Drive Stra ord, CT 06615 | 132-02 89th Ave Queens, NY 11418 | clientservices@yorklab.com | www.yorklab.com | 800-306-YORK | 800-306-9675 tf | Page 1 of 1

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Laura Environmental Geo.	Company:	Company:	19-401	RUSH - Next Day
Address: 53 West Hills Road Huntington Station, NY 11746	Address: Scott	Address: Kathy	YOUR Project Name: 27-09 44th Avenue, Long Island City	RUSH - Two Day
Phone: (631) 673-0212	Phone:	Phone:		RUSH - Three Day
Contact: @ Scott Yorick	Contact:	Contact:		RUSH - Four Day
E-mail: lab results @ laurelenv.com	E-mail:	E-mail:	YOUR PO#:	Standard (5-7 Day) X

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

Samples Collected by: (print AND sign your name) Ricky Frankel 22

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

Samples From: New York X; New Jersey; Connecticut; Pennsylvania; Other:

Report / EDD Type (circle selections): Summary Report; QA Report; NY ASP A Package; NY ASP B Package; CT RCP; CT RCP DQA/DUE; NJDEP Reduced Deliverables; NJDKQP; Standard Excel EDD; EQuIS (Standard); NYSDEC EQuIS; NJDEP SRP HazSite; Other:

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
Grid 1 CS 1	S	1/4/23 1130	PFAS 1633	250mL
Field Blank	W-Q	1/4/23 800	PFAS 1633	(3) 250mL

Comments: PFAS 5 day Rush all samples

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

Preservation: (check all that apply) HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction: Field Filtered; Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
[illegible]	1/5/23 0900	[illegible] York	1/5/23 1150AM	[illegible]	1/5/23 1800
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
				KBlum	1/5/23 1500 / 3.4

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: 12/22/2022
Client Project ID: 27-09 40th Avenue, Long Island City 19-401
York Project (SDG) No.: 22L1054

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

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: 12/22/2022
Client Project ID: 27-09 40th Avenue, Long Island City 19-401
York Project (SDG) No.: 22L1054

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 December 19, 2022 and listed below. The project was identified as your project: **27-09 40th Avenue, Long Island City 19-401**.

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
22L1054-01	CS-1	Soil	12/19/2022	12/19/2022
22L1054-02	CS-2	Soil	12/19/2022	12/19/2022
22L1054-03	CS-3	Soil	12/19/2022	12/19/2022
22L1054-04	CS-4	Soil	12/19/2022	12/19/2022
22L1054-05	CS-5	Soil	12/19/2022	12/19/2022
22L1054-06	CS-6	Soil	12/19/2022	12/19/2022
22L1054-07	CS-7	Soil	12/19/2022	12/19/2022
22L1054-08	CS-8	Soil	12/19/2022	12/19/2022
22L1054-09	CS-9	Soil	12/19/2022	12/19/2022
22L1054-10	CS-10	Soil	12/19/2022	12/19/2022
22L1054-11	SP5-1	Soil	12/19/2022	12/19/2022
22L1054-12	SP5-2	Soil	12/19/2022	12/19/2022
22L1054-13	SP5-3	Soil	12/19/2022	12/19/2022
22L1054-14	SP5-4	Soil	12/19/2022	12/19/2022
22L1054-15	CS-11	Soil	12/19/2022	12/19/2022

General Notes for York Project (SDG) No.: 22L1054

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

Approved By:  **Date:** 12/22/2022

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: CS-1 **York Sample ID:** 22L1054-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1054	27-09 40th Avenue, Long Island City 19-401	Soil	December 19, 2022 10:40 am	12/19/2022

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 16:27	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 16:27	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 16:27	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 16:27	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 16:27	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 16:27	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 16:27	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 16:27	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 16:27	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		ug/kg dry	49	98	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 16:27	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 16:27	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	Acetone	ND	ICVE	ug/kg dry	4.9	9.8	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 16:27	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 16:27	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 16:27	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 16:27	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 16:27	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 16:27	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 16:27	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 16:27	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-09-2	Methylene chloride	ND		ug/kg dry	4.9	9.8	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 16:27	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
91-20-3	Naphthalene	ND		ug/kg dry	2.4	9.8	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 16:27	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 16:27	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 16:27	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: CS-1 **York Sample ID:** 22L1054-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1054	27-09 40th Avenue, Long Island City 19-401	Soil	December 19, 2022 10:40 am	12/19/2022

Volatile Organics, NYSDEC Part 375 List

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		ug/kg dry	2.4	4.9	1	EPA 8260C	12/20/2022 09:00	12/20/2022 16:27	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.9	9.8	1	EPA 8260C	12/20/2022 09:00	12/20/2022 16:27	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	12/20/2022 09:00	12/20/2022 16:27	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	12/20/2022 09:00	12/20/2022 16:27	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
127-18-4	**Tetrachloroethylene**	**5.4**		ug/kg dry	2.4	4.9	1	EPA 8260C	12/20/2022 09:00	12/20/2022 16:27	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
108-88-3	Toluene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	12/20/2022 09:00	12/20/2022 16:27	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	12/20/2022 09:00	12/20/2022 16:27	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-01-6	Trichloroethylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	12/20/2022 09:00	12/20/2022 16:27	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	12/20/2022 09:00	12/20/2022 16:27	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.3	15	1	EPA 8260C	12/20/2022 09:00	12/20/2022 16:27	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*84.2 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*104 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*97.8 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**95.3**		%	0.100	1	SM 2540G	12/22/2022 07:35	12/22/2022 13:53	sgs
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: CS-2 **York Sample ID:** 22L1054-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1054	27-09 40th Avenue, Long Island City 19-401	Soil	December 19, 2022 10:45 am	12/19/2022

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: CS-2 **York Sample ID:** 22L1054-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1054	27-09 40th Avenue, Long Island City 19-401	Soil	December 19, 2022 10:45 am	12/19/2022

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 16:54	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 16:54	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 16:54	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 16:54	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 16:54	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 16:54	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 16:54	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 16:54	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 16:54	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		ug/kg dry	47	95	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 16:54	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 16:54	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	Acetone	ND		ug/kg dry	4.7	9.5	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 16:54	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 16:54	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 16:54	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 16:54	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 16:54	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 16:54	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 16:54	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 16:54	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-09-2	Methylene chloride	ND		ug/kg dry	4.7	9.5	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 16:54	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
91-20-3	Naphthalene	ND		ug/kg dry	2.4	9.5	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 16:54	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 16:54	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 16:54	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-47-6	o-Xylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 16:54	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP

Sample Information

Client Sample ID: CS-2 **York Sample ID:** 22L1054-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1054	27-09 40th Avenue, Long Island City 19-401	Soil	December 19, 2022 10:45 am	12/19/2022

Volatile Organics, NYSDEC Part 375 List

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
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.7	9.5	1	EPA 8260C	12/20/2022 09:00	12/20/2022 16:54	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	12/20/2022 09:00	12/20/2022 16:54	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	12/20/2022 09:00	12/20/2022 16:54	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
127-18-4	**Tetrachloroethylene**	**9.0**		ug/kg dry	2.4	4.7	1	EPA 8260C	12/20/2022 09:00	12/20/2022 16:54	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
108-88-3	Toluene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	12/20/2022 09:00	12/20/2022 16:54	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	12/20/2022 09:00	12/20/2022 16:54	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-01-6	Trichloroethylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	12/20/2022 09:00	12/20/2022 16:54	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	12/20/2022 09:00	12/20/2022 16:54	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.1	14	1	EPA 8260C	12/20/2022 09:00	12/20/2022 16:54	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*82.1 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*103 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*97.5 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**93.8**		%	0.100	1	SM 2540G	12/22/2022 07:35	12/22/2022 13:53	sgs
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: CS-3 **York Sample ID:** 22L1054-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1054	27-09 40th Avenue, Long Island City 19-401	Soil	December 19, 2022 10:55 am	12/19/2022

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: CS-3 **York Sample ID:** 22L1054-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1054	27-09 40th Avenue, Long Island City 19-401	Soil	December 19, 2022 10:55 am	12/19/2022

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 17:21	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 17:21	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 17:21	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 17:21	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 17:21	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 17:21	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 17:21	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 17:21	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 17:21	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		ug/kg dry	57	110	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 17:21	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 17:21	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	Acetone	ND		ug/kg dry	5.7	11	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 17:21	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 17:21	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 17:21	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 17:21	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 17:21	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 17:21	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 17:21	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 17:21	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-09-2	Methylene chloride	ND		ug/kg dry	5.7	11	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 17:21	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
91-20-3	Naphthalene	ND		ug/kg dry	2.9	11	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 17:21	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 17:21	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 17:21	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-47-6	o-Xylene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 17:21	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP

Sample Information

Client Sample ID: CS-3 **York Sample ID:** 22L1054-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1054	27-09 40th Avenue, Long Island City 19-401	Soil	December 19, 2022 10:55 am	12/19/2022

Volatile Organics, NYSDEC Part 375 List

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
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/20/2022 09:00	12/20/2022 17:21	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	12/20/2022 09:00	12/20/2022 17:21	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	12/20/2022 09:00	12/20/2022 17:21	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
127-18-4	**Tetrachloroethylene**	**27**		ug/kg dry	2.9	5.7	1	EPA 8260C	12/20/2022 09:00	12/20/2022 17:21	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
108-88-3	Toluene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	12/20/2022 09:00	12/20/2022 17:21	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	12/20/2022 09:00	12/20/2022 17:21	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-01-6	Trichloroethylene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	12/20/2022 09:00	12/20/2022 17:21	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	12/20/2022 09:00	12/20/2022 17:21	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.6	17	1	EPA 8260C	12/20/2022 09:00	12/20/2022 17:21	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*84.6 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*103 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.3 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**93.9**		%	0.100	1	SM 2540G	12/22/2022 07:35	12/22/2022 13:53	sgs
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: CS-4 **York Sample ID:** 22L1054-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1054	27-09 40th Avenue, Long Island City 19-401	Soil	December 19, 2022 11:00 am	12/19/2022

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: CS-4 **York Sample ID:** 22L1054-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1054	27-09 40th Avenue, Long Island City 19-401	Soil	December 19, 2022 11:00 am	12/19/2022

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 17:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 17:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 17:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 17:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 17:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 17:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 17:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 17:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 17:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		ug/kg dry	45	89	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 17:49	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 17:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	Acetone	ND		ug/kg dry	4.5	8.9	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 17:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 17:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 17:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 17:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 17:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 17:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 17:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 17:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-09-2	Methylene chloride	ND		ug/kg dry	4.5	8.9	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 17:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
91-20-3	Naphthalene	ND		ug/kg dry	2.2	8.9	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 17:49	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 17:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 17:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-47-6	o-Xylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 17:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP

Sample Information

Client Sample ID: CS-4 **York Sample ID:** 22L1054-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1054	27-09 40th Avenue, Long Island City 19-401	Soil	December 19, 2022 11:00 am	12/19/2022

Volatile Organics, NYSDEC Part 375 List

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
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.5	8.9	1	EPA 8260C	12/20/2022 09:00	12/20/2022 17:49	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	12/20/2022 09:00	12/20/2022 17:49	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	12/20/2022 09:00	12/20/2022 17:49	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
127-18-4	**Tetrachloroethylene**	**17**		ug/kg dry	2.2	4.5	1	EPA 8260C	12/20/2022 09:00	12/20/2022 17:49	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
108-88-3	Toluene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	12/20/2022 09:00	12/20/2022 17:49	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	12/20/2022 09:00	12/20/2022 17:49	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-01-6	Trichloroethylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	12/20/2022 09:00	12/20/2022 17:49	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	12/20/2022 09:00	12/20/2022 17:49	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.7	13	1	EPA 8260C	12/20/2022 09:00	12/20/2022 17:49	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*85.4 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*103 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.0 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**94.9**		%	0.100	1	SM 2540G	12/22/2022 07:35	12/22/2022 13:53	sgs
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: CS-5 **York Sample ID:** 22L1054-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1054	27-09 40th Avenue, Long Island City 19-401	Soil	December 19, 2022 11:05 am	12/19/2022

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: CS-5 **York Sample ID:** 22L1054-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1054	27-09 40th Avenue, Long Island City 19-401	Soil	December 19, 2022 11:05 am	12/19/2022

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 18:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 18:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 18:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 18:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 18:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 18:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 18:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 18:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 18:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		ug/kg dry	54	110	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 18:16	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 18:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	Acetone	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 18:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 18:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 18:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 18:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 18:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 18:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 18:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 18:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-09-2	Methylene chloride	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 18:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
91-20-3	Naphthalene	ND		ug/kg dry	2.7	11	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 18:16	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 18:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 18:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-47-6	o-Xylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 18:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP

Sample Information

Client Sample ID: CS-5 **York Sample ID:** 22L1054-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1054	27-09 40th Avenue, Long Island City 19-401	Soil	December 19, 2022 11:05 am	12/19/2022

Volatile Organics, NYSDEC Part 375 List

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
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.4	11	1	EPA 8260C	12/20/2022 09:00	12/20/2022 18:16	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	12/20/2022 09:00	12/20/2022 18:16	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	12/20/2022 09:00	12/20/2022 18:16	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
127-18-4	**Tetrachloroethylene**	**14**		ug/kg dry	2.7	5.4	1	EPA 8260C	12/20/2022 09:00	12/20/2022 18:16	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
108-88-3	Toluene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	12/20/2022 09:00	12/20/2022 18:16	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	12/20/2022 09:00	12/20/2022 18:16	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-01-6	Trichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	12/20/2022 09:00	12/20/2022 18:16	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	12/20/2022 09:00	12/20/2022 18:16	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.2	16	1	EPA 8260C	12/20/2022 09:00	12/20/2022 18:16	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*83.9 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*104 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*97.9 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.6**		%	0.100	1	SM 2540G	12/22/2022 07:35	12/22/2022 13:53	sgs
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: CS-6 **York Sample ID:** 22L1054-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1054	27-09 40th Avenue, Long Island City 19-401	Soil	December 19, 2022 11:05 am	12/19/2022

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: CS-6 **York Sample ID:** 22L1054-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1054	27-09 40th Avenue, Long Island City 19-401	Soil	December 19, 2022 11:05 am	12/19/2022

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 18:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 18:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 18:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 18:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 18:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 18:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 18:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 18:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 18:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		ug/kg dry	55	110	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 18:43	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 18:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	Acetone	ND		ug/kg dry	5.5	11	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 18:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 18:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 18:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 18:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 18:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 18:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 18:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 18:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-09-2	**Methylene chloride**	**6.8**	J	ug/kg dry	5.5	11	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 18:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
91-20-3	Naphthalene	ND		ug/kg dry	2.7	11	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 18:43	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 18:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 18:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-47-6	o-Xylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 18:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP

Sample Information

Client Sample ID: CS-6 **York Sample ID:** 22L1054-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1054	27-09 40th Avenue, Long Island City 19-401	Soil	December 19, 2022 11:05 am	12/19/2022

Volatile Organics, NYSDEC Part 375 List

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
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/20/2022 09:00	12/20/2022 18:43	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	12/20/2022 09:00	12/20/2022 18:43	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	12/20/2022 09:00	12/20/2022 18:43	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	12/20/2022 09:00	12/20/2022 18:43	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-88-3	Toluene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	12/20/2022 09:00	12/20/2022 18:43	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	12/20/2022 09:00	12/20/2022 18:43	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-01-6	Trichloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	12/20/2022 09:00	12/20/2022 18:43	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	12/20/2022 09:00	12/20/2022 18:43	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.2	16	1	EPA 8260C	12/20/2022 09:00	12/20/2022 18:43	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*86.2 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*104 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.1 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**94.0**		%	0.100	1	SM 2540G	12/22/2022 07:35	12/22/2022 13:53	sgs
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: CS-7 **York Sample ID:** 22L1054-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1054	27-09 40th Avenue, Long Island City 19-401	Soil	December 19, 2022 11:10 am	12/19/2022

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: CS-7 **York Sample ID:** 22L1054-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1054	27-09 40th Avenue, Long Island City 19-401	Soil	December 19, 2022 11:10 am	12/19/2022

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 19:10	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 19:10	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 19:10	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 19:10	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 19:10	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 19:10	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 19:10	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 19:10	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 19:10	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		ug/kg dry	54	110	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 19:10	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 19:10	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	Acetone	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 19:10	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 19:10	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 19:10	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 19:10	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 19:10	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 19:10	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 19:10	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 19:10	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-09-2	Methylene chloride	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 19:10	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
91-20-3	Naphthalene	ND		ug/kg dry	2.7	11	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 19:10	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 19:10	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 19:10	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-47-6	o-Xylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 19:10	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP

Sample Information

Client Sample ID: CS-7 **York Sample ID:** 22L1054-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1054	27-09 40th Avenue, Long Island City 19-401	Soil	December 19, 2022 11:10 am	12/19/2022

Volatile Organics, NYSDEC Part 375 List

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
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.4	11	1	EPA 8260C	12/20/2022 09:00	12/20/2022 19:10	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	12/20/2022 09:00	12/20/2022 19:10	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	12/20/2022 09:00	12/20/2022 19:10	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
127-18-4	**Tetrachloroethylene**	**7.7**		ug/kg dry	2.7	5.4	1	EPA 8260C	12/20/2022 09:00	12/20/2022 19:10	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
108-88-3	Toluene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	12/20/2022 09:00	12/20/2022 19:10	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	12/20/2022 09:00	12/20/2022 19:10	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-01-6	Trichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	12/20/2022 09:00	12/20/2022 19:10	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	12/20/2022 09:00	12/20/2022 19:10	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.0	16	1	EPA 8260C	12/20/2022 09:00	12/20/2022 19:10	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*85.4 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*104 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.3 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**92.7**		%	0.100	1	SM 2540G	12/22/2022 07:35	12/22/2022 13:53	sgs
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: CS-8 **York Sample ID:** 22L1054-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1054	27-09 40th Avenue, Long Island City 19-401	Soil	December 19, 2022 11:10 am	12/19/2022

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: CS-8 **York Sample ID:** 22L1054-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1054	27-09 40th Avenue, Long Island City 19-401	Soil	December 19, 2022 11:10 am	12/19/2022

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 19:37	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 19:37	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 19:37	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 19:37	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 19:37	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 19:37	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 19:37	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 19:37	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 19:37	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		ug/kg dry	53	110	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 19:37	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 19:37	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	Acetone	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 19:37	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 19:37	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 19:37	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 19:37	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 19:37	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 19:37	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 19:37	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 19:37	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-09-2	Methylene chloride	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 19:37	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
91-20-3	Naphthalene	ND		ug/kg dry	2.7	11	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 19:37	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 19:37	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 19:37	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-47-6	o-Xylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 19:37	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP

Sample Information

Client Sample ID: CS-8 **York Sample ID:** 22L1054-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1054	27-09 40th Avenue, Long Island City 19-401	Soil	December 19, 2022 11:10 am	12/19/2022

Volatile Organics, NYSDEC Part 375 List

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
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.3	11	1	EPA 8260C	12/20/2022 09:00	12/20/2022 19:37	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	12/20/2022 09:00	12/20/2022 19:37	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	12/20/2022 09:00	12/20/2022 19:37	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
127-18-4	**Tetrachloroethylene**	**3.9**	J	ug/kg dry	2.7	5.3	1	EPA 8260C	12/20/2022 09:00	12/20/2022 19:37	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
108-88-3	Toluene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	12/20/2022 09:00	12/20/2022 19:37	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	12/20/2022 09:00	12/20/2022 19:37	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-01-6	Trichloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	12/20/2022 09:00	12/20/2022 19:37	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	12/20/2022 09:00	12/20/2022 19:37	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.0	16	1	EPA 8260C	12/20/2022 09:00	12/20/2022 19:37	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*86.2 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*104 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.3 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**93.5**		%	0.100	1	SM 2540G	12/22/2022 07:35	12/22/2022 13:53	sgs
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: CS-9 **York Sample ID:** 22L1054-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1054	27-09 40th Avenue, Long Island City 19-401	Soil	December 19, 2022 11:15 am	12/19/2022

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: CS-9 **York Sample ID:** 22L1054-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1054	27-09 40th Avenue, Long Island City 19-401	Soil	December 19, 2022 11:15 am	12/19/2022

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 20:05	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 20:05	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 20:05	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 20:05	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 20:05	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 20:05	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 20:05	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 20:05	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 20:05	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		ug/kg dry	46	91	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 20:05	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 20:05	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	Acetone	ND		ug/kg dry	4.6	9.1	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 20:05	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 20:05	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 20:05	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 20:05	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 20:05	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 20:05	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 20:05	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 20:05	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-09-2	Methylene chloride	ND		ug/kg dry	4.6	9.1	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 20:05	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
91-20-3	Naphthalene	ND		ug/kg dry	2.3	9.1	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 20:05	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 20:05	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 20:05	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-47-6	o-Xylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications:	12/20/2022 09:00	12/20/2022 20:05	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP

Sample Information

Client Sample ID: CS-9 **York Sample ID:** 22L1054-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1054	27-09 40th Avenue, Long Island City 19-401	Soil	December 19, 2022 11:15 am	12/19/2022

Volatile Organics, NYSDEC Part 375 List

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
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.6	9.1	1	EPA 8260C	12/20/2022 09:00	12/20/2022 20:05	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	12/20/2022 09:00	12/20/2022 20:05	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	12/20/2022 09:00	12/20/2022 20:05	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
127-18-4	**Tetrachloroethylene**	**31**		ug/kg dry	2.3	4.6	1	EPA 8260C	12/20/2022 09:00	12/20/2022 20:05	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
108-88-3	Toluene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	12/20/2022 09:00	12/20/2022 20:05	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	12/20/2022 09:00	12/20/2022 20:05	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-01-6	Trichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	12/20/2022 09:00	12/20/2022 20:05	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	12/20/2022 09:00	12/20/2022 20:05	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.8	14	1	EPA 8260C	12/20/2022 09:00	12/20/2022 20:05	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*82.4 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*105 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*100 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**94.1**		%	0.100	1	SM 2540G	12/22/2022 07:35	12/22/2022 13:53	sgs
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: CS-10 **York Sample ID:** 22L1054-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1054	27-09 40th Avenue, Long Island City 19-401	Soil	December 19, 2022 11:20 am	12/19/2022

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: CS-10 **York Sample ID:** 22L1054-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1054	27-09 40th Avenue, Long Island City 19-401	Soil	December 19, 2022 11:20 am	12/19/2022

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	12/21/2022 09:00	12/21/2022 12:20	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	12/21/2022 09:00	12/21/2022 12:20	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	12/21/2022 09:00	12/21/2022 12:20	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	12/21/2022 09:00	12/21/2022 12:20	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	12/21/2022 09:00	12/21/2022 12:20	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	12/21/2022 09:00	12/21/2022 12:20	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	12/21/2022 09:00	12/21/2022 12:20	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	12/21/2022 09:00	12/21/2022 12:20	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	12/21/2022 09:00	12/21/2022 12:20	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
123-91-1	1,4-Dioxane	ND		ug/kg dry	54	110	1	EPA 8260C	12/21/2022 09:00	12/21/2022 12:20	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	12/21/2022 09:00	12/21/2022 12:20	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-64-1	**Acetone**	**45**		ug/kg dry	5.4	11	1	EPA 8260C	12/21/2022 09:00	12/21/2022 12:20	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
71-43-2	Benzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	12/21/2022 09:00	12/21/2022 12:20	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	12/21/2022 09:00	12/21/2022 12:20	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-90-7	Chlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	12/21/2022 09:00	12/21/2022 12:20	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-66-3	Chloroform	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	12/21/2022 09:00	12/21/2022 12:20	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	12/21/2022 09:00	12/21/2022 12:20	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	12/21/2022 09:00	12/21/2022 12:20	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	12/21/2022 09:00	12/21/2022 12:20	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-09-2	Methylene chloride	ND		ug/kg dry	5.4	11	1	EPA 8260C	12/21/2022 09:00	12/21/2022 12:20	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
91-20-3	Naphthalene	ND		ug/kg dry	2.7	11	1	EPA 8260C	12/21/2022 09:00	12/21/2022 12:20	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	12/21/2022 09:00	12/21/2022 12:20	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	12/21/2022 09:00	12/21/2022 12:20	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-47-6	o-Xylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	12/21/2022 09:00	12/21/2022 12:20	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		

Sample Information

Client Sample ID: CS-10 **York Sample ID:** 22L1054-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1054	27-09 40th Avenue, Long Island City 19-401	Soil	December 19, 2022 11:20 am	12/19/2022

Volatile Organics, NYSDEC Part 375 List

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
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.4	11	1	EPA 8260C	12/21/2022 09:00	12/21/2022 12:20	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	12/21/2022 09:00	12/21/2022 12:20	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	12/21/2022 09:00	12/21/2022 12:20	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
127-18-4	**Tetrachloroethylene**	**3.7**	J	ug/kg dry	2.7	5.4	1	EPA 8260C	12/21/2022 09:00	12/21/2022 12:20	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
108-88-3	Toluene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	12/21/2022 09:00	12/21/2022 12:20	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	12/21/2022 09:00	12/21/2022 12:20	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-01-6	Trichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	12/21/2022 09:00	12/21/2022 12:20	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	12/21/2022 09:00	12/21/2022 12:20	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.2	16	1	EPA 8260C	12/21/2022 09:00	12/21/2022 12:20	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*138 %*	S-08, VSAMP	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*90.0 %*		*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*80.5 %*		*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**93.8**		%	0.100	1	SM 2540G	12/22/2022 07:35	12/22/2022 13:53	sgs
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SP5-1 **York Sample ID:** 22L1054-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1054	27-09 40th Avenue, Long Island City 19-401	Soil	December 19, 2022 11:50 am	12/19/2022

Semi-Volatiles, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: **SP5-1** **York Sample ID:** **22L1054-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1054	27-09 40th Avenue, Long Island City 19-401	Soil	December 19, 2022 11:50 am	12/19/2022

Sample Prepared by 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	43.8	87.5	2	EPA 8270D Certifications:	12/20/2022 09:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 17:33	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	43.8	87.5	2	EPA 8270D Certifications:	12/20/2022 09:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 17:33	KH
83-32-9	Acenaphthene	ND		ug/kg dry	43.8	87.5	2	EPA 8270D Certifications:	12/20/2022 09:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 17:33	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	43.8	87.5	2	EPA 8270D Certifications:	12/20/2022 09:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 17:33	KH
120-12-7	**Anthracene**	**82.5**	J	ug/kg dry	43.8	87.5	2	EPA 8270D Certifications:	12/20/2022 09:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 17:33	KH
56-55-3	**Benzo(a)anthracene**	**242**		ug/kg dry	43.8	87.5	2	EPA 8270D Certifications:	12/20/2022 09:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 17:33	KH
50-32-8	**Benzo(a)pyrene**	**236**		ug/kg dry	43.8	87.5	2	EPA 8270D Certifications:	12/20/2022 09:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 17:33	KH
205-99-2	**Benzo(b)fluoranthene**	**184**		ug/kg dry	43.8	87.5	2	EPA 8270D Certifications:	12/20/2022 09:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 17:33	KH
191-24-2	**Benzo(g,h,i)perylene**	**146**		ug/kg dry	43.8	87.5	2	EPA 8270D Certifications:	12/20/2022 09:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 17:33	KH
207-08-9	**Benzo(k)fluoranthene**	**194**		ug/kg dry	43.8	87.5	2	EPA 8270D Certifications:	12/20/2022 09:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 17:33	KH
218-01-9	**Chrysene**	**243**		ug/kg dry	43.8	87.5	2	EPA 8270D Certifications:	12/20/2022 09:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 17:33	KH
53-70-3	**Dibenzo(a,h)anthracene**	**44.8**	J	ug/kg dry	43.8	87.5	2	EPA 8270D Certifications:	12/20/2022 09:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 17:33	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	43.8	87.5	2	EPA 8270D Certifications:	12/20/2022 09:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 17:33	KH
206-44-0	**Fluoranthene**	**502**		ug/kg dry	43.8	87.5	2	EPA 8270D Certifications:	12/20/2022 09:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 17:33	KH
86-73-7	Fluorene	ND		ug/kg dry	43.8	87.5	2	EPA 8270D Certifications:	12/20/2022 09:08 NELAC-NY10854,NJDEP,PADEP	12/21/2022 17:33	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	43.8	87.5	2	EPA 8270D Certifications:	12/20/2022 09:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 17:33	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**145**		ug/kg dry	43.8	87.5	2	EPA 8270D Certifications:	12/20/2022 09:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 17:33	KH
91-20-3	Naphthalene	ND		ug/kg dry	43.8	87.5	2	EPA 8270D Certifications:	12/20/2022 09:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 17:33	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	43.8	87.5	2	EPA 8270D Certifications:	12/20/2022 09:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 17:33	KH
85-01-8	**Phenanthrene**	**410**		ug/kg dry	43.8	87.5	2	EPA 8270D Certifications:	12/20/2022 09:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 17:33	KH
108-95-2	Phenol	ND		ug/kg dry	43.8	87.5	2	EPA 8270D Certifications:	12/20/2022 09:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 17:33	KH
129-00-0	**Pyrene**	**474**		ug/kg dry	43.8	87.5	2	EPA 8270D Certifications:	12/20/2022 09:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 17:33	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*73.2 %*	*20-108*

Sample Information

Client Sample ID: SP5-1 **York Sample ID:** 22L1054-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1054	27-09 40th Avenue, Long Island City 19-401	Soil	December 19, 2022 11:50 am	12/19/2022

Semi-Volatiles, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-62-2	*Surrogate: SURR: Phenol-d5*	*67.8 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*75.8 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*69.9 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*82.2 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*83.5 %*			*24-116*						

Pesticides, NYSDEC Part 375 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.64	5	EPA 8081B Certifications:	12/20/2022 09:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/22/2022 10:21	BJ
72-55-9	4,4'-DDE	ND		ug/kg dry	1.64	5	EPA 8081B Certifications:	12/20/2022 09:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/22/2022 10:21	BJ
50-29-3	4,4'-DDT	ND		ug/kg dry	1.64	5	EPA 8081B Certifications:	12/20/2022 09:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/22/2022 10:21	BJ
309-00-2	Aldrin	ND		ug/kg dry	1.64	5	EPA 8081B Certifications:	12/20/2022 09:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/22/2022 10:21	BJ
319-84-6	alpha-BHC	ND		ug/kg dry	1.64	5	EPA 8081B Certifications:	12/20/2022 09:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/22/2022 10:21	BJ
5103-71-9	**alpha-Chlordane**	**10.1**		ug/kg dry	1.64	5	EPA 8081B Certifications:	12/20/2022 09:28 NELAC-NY10854,NJDEP	12/22/2022 10:21	BJ
319-85-7	beta-BHC	ND		ug/kg dry	1.64	5	EPA 8081B Certifications:	12/20/2022 09:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/22/2022 10:21	BJ
319-86-8	delta-BHC	ND		ug/kg dry	1.64	5	EPA 8081B Certifications:	12/20/2022 09:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/22/2022 10:21	BJ
60-57-1	**Dieldrin**	**7.22**		ug/kg dry	1.64	5	EPA 8081B Certifications:	12/20/2022 09:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/22/2022 10:21	BJ
959-98-8	Endosulfan I	ND		ug/kg dry	1.64	5	EPA 8081B Certifications:	12/20/2022 09:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/22/2022 10:21	BJ
33213-65-9	Endosulfan II	ND		ug/kg dry	1.64	5	EPA 8081B Certifications:	12/20/2022 09:28 CTDOH-PH-0723,NELAC-NY10854	12/22/2022 10:21	BJ
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.64	5	EPA 8081B Certifications:	12/20/2022 09:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/22/2022 10:21	BJ
72-20-8	Endrin	ND		ug/kg dry	1.64	5	EPA 8081B Certifications:	12/20/2022 09:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/22/2022 10:21	BJ
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.64	5	EPA 8081B Certifications:	12/20/2022 09:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/22/2022 10:21	BJ
76-44-8	Heptachlor	ND		ug/kg dry	1.64	5	EPA 8081B Certifications:	12/20/2022 09:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/22/2022 10:21	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*81.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*86.9 %*	*30-150*

Sample Information

Client Sample ID: **SP5-1** **York Sample ID:** **22L1054-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1054	27-09 40th Avenue, Long Island City 19-401	Soil	December 19, 2022 11:50 am	12/19/2022

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications:	12/20/2022 09:28 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	12/22/2022 08:45	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications:	12/20/2022 09:28 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	12/22/2022 08:45	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications:	12/20/2022 09:28 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	12/22/2022 08:45	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications:	12/20/2022 09:28 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	12/22/2022 08:45	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications:	12/20/2022 09:28 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	12/22/2022 08:45	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications:	12/20/2022 09:28 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	12/22/2022 08:45	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications:	12/20/2022 09:28 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	12/22/2022 08:45	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications:	12/20/2022 09:28	12/22/2022 08:45	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*75.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*74.0 %*	*30-140*

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	ND		mg/kg dry	1.34	1	EPA 6010D Certifications:	12/20/2022 14:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 14:46	CW
7440-39-3	**Barium**	**42.8**		mg/kg dry	2.23	1	EPA 6010D Certifications:	12/20/2022 14:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 14:46	CW
7440-41-7	**Beryllium**	**0.322**		mg/kg dry	0.045	1	EPA 6010D Certifications:	12/20/2022 14:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 14:46	CW
7440-43-9	Cadmium	ND		mg/kg dry	0.267	1	EPA 6010D Certifications:	12/20/2022 14:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 14:46	CW
7440-47-3	**Chromium**	**12.4**		mg/kg dry	0.446	1	EPA 6010D Certifications:	12/20/2022 14:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 14:46	CW
7440-50-8	**Copper**	**13.2**		mg/kg dry	1.78	1	EPA 6010D Certifications:	12/20/2022 14:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 14:46	CW
7439-92-1	**Lead**	**11.4**		mg/kg dry	0.446	1	EPA 6010D Certifications:	12/20/2022 14:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 14:46	CW
7439-96-5	**Manganese**	**411**		mg/kg dry	0.446	1	EPA 6010D Certifications:	12/20/2022 14:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 14:46	CW
7440-02-0	**Nickel**	**9.64**		mg/kg dry	0.888	1	EPA 6010D Certifications:	12/20/2022 14:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 14:46	CW

Sample Information

Client Sample ID: SP5-1 **York Sample ID:** 22L1054-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1054	27-09 40th Avenue, Long Island City 19-401	Soil	December 19, 2022 11:50 am	12/19/2022

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
7782-49-2	Selenium	ND		mg/kg dry	2.23	1	EPA 6010D	12/20/2022 14:33	12/21/2022 14:46	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.449	1	EPA 6010D	12/20/2022 14:33	12/21/2022 14:46	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**28.3**		mg/kg dry	2.22	1	EPA 6010D	12/20/2022 14:33	12/21/2022 14:46	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0321	1	EPA 7473	12/22/2022 09:15	12/22/2022 11:46	MR
							Certifications: CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP			

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	0.535	1	EPA 7196A	12/20/2022 07:36	12/20/2022 15:07	LAR
							Certifications: NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.535	1	EPA 9014/9010C	12/20/2022 14:28	12/20/2022 20:00	SL
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**93.5**		%	0.100	1	SM 2540G	12/22/2022 07:35	12/22/2022 13:53	sgs
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: SP5-2 **York Sample ID:** 22L1054-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1054	27-09 40th Avenue, Long Island City 19-401	Soil	December 19, 2022 11:55 am	12/19/2022

Sample Information

Client Sample ID: SP5-2 **York Sample ID:** 22L1054-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1054	27-09 40th Avenue, Long Island City 19-401	Soil	December 19, 2022 11:55 am	12/19/2022

Semi-Volatiles, NYSDEC Part 375 List **Log-in Notes:** **Sample Notes:**

Sample Prepared by 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	44.6	89.0	2	EPA 8270D Certifications:	12/20/2022 09:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 18:04	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications:	12/20/2022 09:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 18:04	KH
83-32-9	Acenaphthene	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications:	12/20/2022 09:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 18:04	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications:	12/20/2022 09:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 18:04	KH
120-12-7	Anthracene	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications:	12/20/2022 09:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 18:04	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications:	12/20/2022 09:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 18:04	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications:	12/20/2022 09:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 18:04	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications:	12/20/2022 09:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 18:04	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications:	12/20/2022 09:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 18:04	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications:	12/20/2022 09:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 18:04	KH
218-01-9	Chrysene	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications:	12/20/2022 09:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 18:04	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications:	12/20/2022 09:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 18:04	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications:	12/20/2022 09:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 18:04	KH
206-44-0	Fluoranthene	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications:	12/20/2022 09:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 18:04	KH
86-73-7	Fluorene	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications:	12/20/2022 09:08 NELAC-NY10854,NJDEP,PADEP	12/21/2022 18:04	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications:	12/20/2022 09:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 18:04	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications:	12/20/2022 09:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 18:04	KH
91-20-3	Naphthalene	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications:	12/20/2022 09:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 18:04	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications:	12/20/2022 09:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 18:04	KH
85-01-8	Phenanthrene	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications:	12/20/2022 09:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 18:04	KH
108-95-2	Phenol	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications:	12/20/2022 09:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 18:04	KH
129-00-0	Pyrene	ND		ug/kg dry	44.6	89.0	2	EPA 8270D Certifications:	12/20/2022 09:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 18:04	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*70.0 %*	*20-108*

Sample Information

Client Sample ID: SP5-2 **York Sample ID:** 22L1054-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1054	27-09 40th Avenue, Long Island City 19-401	Soil	December 19, 2022 11:55 am	12/19/2022

Semi-Volatiles, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-62-2	*Surrogate: SURR: Phenol-d5*	*63.6 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*70.5 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*68.5 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*75.7 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*79.6 %*			*24-116*						

Pesticides, NYSDEC Part 375 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.63	5	EPA 8081B Certifications:	12/20/2022 09:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/22/2022 10:39	BJ
72-55-9	4,4'-DDE	ND		ug/kg dry	1.63	5	EPA 8081B Certifications:	12/20/2022 09:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/22/2022 10:39	BJ
50-29-3	4,4'-DDT	ND		ug/kg dry	1.63	5	EPA 8081B Certifications:	12/20/2022 09:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/22/2022 10:39	BJ
309-00-2	Aldrin	ND		ug/kg dry	1.63	5	EPA 8081B Certifications:	12/20/2022 09:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/22/2022 10:39	BJ
319-84-6	alpha-BHC	ND		ug/kg dry	1.63	5	EPA 8081B Certifications:	12/20/2022 09:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/22/2022 10:39	BJ
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.63	5	EPA 8081B Certifications:	12/20/2022 09:28 NELAC-NY10854,NJDEP	12/22/2022 10:39	BJ
319-85-7	beta-BHC	ND		ug/kg dry	1.63	5	EPA 8081B Certifications:	12/20/2022 09:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/22/2022 10:39	BJ
319-86-8	delta-BHC	ND		ug/kg dry	1.63	5	EPA 8081B Certifications:	12/20/2022 09:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/22/2022 10:39	BJ
60-57-1	Dieldrin	ND		ug/kg dry	1.63	5	EPA 8081B Certifications:	12/20/2022 09:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/22/2022 10:39	BJ
959-98-8	Endosulfan I	ND		ug/kg dry	1.63	5	EPA 8081B Certifications:	12/20/2022 09:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/22/2022 10:39	BJ
33213-65-9	Endosulfan II	ND		ug/kg dry	1.63	5	EPA 8081B Certifications:	12/20/2022 09:28 CTDOH-PH-0723,NELAC-NY10854	12/22/2022 10:39	BJ
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.63	5	EPA 8081B Certifications:	12/20/2022 09:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/22/2022 10:39	BJ
72-20-8	Endrin	ND		ug/kg dry	1.63	5	EPA 8081B Certifications:	12/20/2022 09:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/22/2022 10:39	BJ
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.63	5	EPA 8081B Certifications:	12/20/2022 09:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/22/2022 10:39	BJ
76-44-8	Heptachlor	ND		ug/kg dry	1.63	5	EPA 8081B Certifications:	12/20/2022 09:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/22/2022 10:39	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*90.2 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*97.7 %*	*30-150*

Sample Information

Client Sample ID: SP5-2 **York Sample ID:** 22L1054-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1054	27-09 40th Avenue, Long Island City 19-401	Soil	December 19, 2022 11:55 am	12/19/2022

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications:	12/20/2022 09:28 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	12/22/2022 08:58	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications:	12/20/2022 09:28 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	12/22/2022 08:58	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications:	12/20/2022 09:28 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	12/22/2022 08:58	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications:	12/20/2022 09:28 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	12/22/2022 08:58	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications:	12/20/2022 09:28 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	12/22/2022 08:58	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications:	12/20/2022 09:28 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	12/22/2022 08:58	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications:	12/20/2022 09:28 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	12/22/2022 08:58	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications:	12/20/2022 09:28	12/22/2022 08:58	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*82.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*84.0 %*	*30-140*

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	ND		mg/kg dry	1.36	1	EPA 6010D Certifications:	12/20/2022 14:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 14:49	CW
7440-39-3	**Barium**	**38.4**		mg/kg dry	2.26	1	EPA 6010D Certifications:	12/20/2022 14:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 14:49	CW
7440-41-7	**Beryllium**	**0.372**		mg/kg dry	0.046	1	EPA 6010D Certifications:	12/20/2022 14:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 14:49	CW
7440-43-9	Cadmium	ND		mg/kg dry	0.271	1	EPA 6010D Certifications:	12/20/2022 14:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 14:49	CW
7440-47-3	**Chromium**	**12.9**		mg/kg dry	0.453	1	EPA 6010D Certifications:	12/20/2022 14:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 14:49	CW
7440-50-8	**Copper**	**13.2**		mg/kg dry	1.81	1	EPA 6010D Certifications:	12/20/2022 14:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 14:49	CW
7439-92-1	**Lead**	**7.41**		mg/kg dry	0.453	1	EPA 6010D Certifications:	12/20/2022 14:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 14:49	CW
7439-96-5	**Manganese**	**342**		mg/kg dry	0.453	1	EPA 6010D Certifications:	12/20/2022 14:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 14:49	CW
7440-02-0	**Nickel**	**12.4**		mg/kg dry	0.901	1	EPA 6010D Certifications:	12/20/2022 14:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 14:49	CW

Sample Information

Client Sample ID: SP5-2 **York Sample ID:** 22L1054-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1054	27-09 40th Avenue, Long Island City 19-401	Soil	December 19, 2022 11:55 am	12/19/2022

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
7782-49-2	Selenium	ND		mg/kg dry	2.26	1	EPA 6010D	12/20/2022 14:33	12/21/2022 14:49	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.456	1	EPA 6010D	12/20/2022 14:33	12/21/2022 14:49	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**25.1**		mg/kg dry	2.25	1	EPA 6010D	12/20/2022 14:33	12/21/2022 14:49	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0326	1	EPA 7473	12/22/2022 09:15	12/22/2022 11:55	MR
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

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	12/20/2022 07:36	12/20/2022 15:07	LAR
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

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	12/20/2022 14:28	12/20/2022 20:00	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

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	12/22/2022 07:35	12/22/2022 13:53	sgs
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SP5-3 **York Sample ID:** 22L1054-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1054	27-09 40th Avenue, Long Island City 19-401	Soil	December 19, 2022 11:55 am	12/19/2022

Sample Information

Client Sample ID: SP5-3 **York Sample ID:** 22L1054-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1054	27-09 40th Avenue, Long Island City 19-401	Soil	December 19, 2022 11:55 am	12/19/2022

Semi-Volatiles, NYSDEC Part 375 List **Log-in Notes:** **Sample Notes:**

Sample Prepared by 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	44.9	89.6	2	EPA 8270D Certifications:	12/20/2022 09:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 18:35	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	44.9	89.6	2	EPA 8270D Certifications:	12/20/2022 09:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 18:35	KH
83-32-9	Acenaphthene	ND		ug/kg dry	44.9	89.6	2	EPA 8270D Certifications:	12/20/2022 09:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 18:35	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	44.9	89.6	2	EPA 8270D Certifications:	12/20/2022 09:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 18:35	KH
120-12-7	Anthracene	ND		ug/kg dry	44.9	89.6	2	EPA 8270D Certifications:	12/20/2022 09:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 18:35	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	44.9	89.6	2	EPA 8270D Certifications:	12/20/2022 09:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 18:35	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	44.9	89.6	2	EPA 8270D Certifications:	12/20/2022 09:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 18:35	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	44.9	89.6	2	EPA 8270D Certifications:	12/20/2022 09:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 18:35	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	44.9	89.6	2	EPA 8270D Certifications:	12/20/2022 09:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 18:35	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	44.9	89.6	2	EPA 8270D Certifications:	12/20/2022 09:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 18:35	KH
218-01-9	Chrysene	ND		ug/kg dry	44.9	89.6	2	EPA 8270D Certifications:	12/20/2022 09:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 18:35	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	44.9	89.6	2	EPA 8270D Certifications:	12/20/2022 09:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 18:35	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	44.9	89.6	2	EPA 8270D Certifications:	12/20/2022 09:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 18:35	KH
206-44-0	Fluoranthene	ND		ug/kg dry	44.9	89.6	2	EPA 8270D Certifications:	12/20/2022 09:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 18:35	KH
86-73-7	Fluorene	ND		ug/kg dry	44.9	89.6	2	EPA 8270D Certifications:	12/20/2022 09:08 NELAC-NY10854,NJDEP,PADEP	12/21/2022 18:35	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	44.9	89.6	2	EPA 8270D Certifications:	12/20/2022 09:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 18:35	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	44.9	89.6	2	EPA 8270D Certifications:	12/20/2022 09:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 18:35	KH
91-20-3	Naphthalene	ND		ug/kg dry	44.9	89.6	2	EPA 8270D Certifications:	12/20/2022 09:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 18:35	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	44.9	89.6	2	EPA 8270D Certifications:	12/20/2022 09:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 18:35	KH
85-01-8	Phenanthrene	ND		ug/kg dry	44.9	89.6	2	EPA 8270D Certifications:	12/20/2022 09:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 18:35	KH
108-95-2	Phenol	ND		ug/kg dry	44.9	89.6	2	EPA 8270D Certifications:	12/20/2022 09:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 18:35	KH
129-00-0	Pyrene	ND		ug/kg dry	44.9	89.6	2	EPA 8270D Certifications:	12/20/2022 09:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 18:35	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*72.4 %*	*20-108*

Sample Information

Client Sample ID: SP5-3 **York Sample ID:** 22L1054-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1054	27-09 40th Avenue, Long Island City 19-401	Soil	December 19, 2022 11:55 am	12/19/2022

Semi-Volatiles, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-62-2	*Surrogate: SURR: Phenol-d5*	*63.7 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*72.7 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*66.5 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*74.7 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*75.9 %*			*24-116*						

Pesticides, NYSDEC Part 375 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.64	5	EPA 8081B Certifications:	12/20/2022 09:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/22/2022 10:57	BJ
72-55-9	4,4'-DDE	ND		ug/kg dry	1.64	5	EPA 8081B Certifications:	12/20/2022 09:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/22/2022 10:57	BJ
50-29-3	4,4'-DDT	ND		ug/kg dry	1.64	5	EPA 8081B Certifications:	12/20/2022 09:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/22/2022 10:57	BJ
309-00-2	Aldrin	ND		ug/kg dry	1.64	5	EPA 8081B Certifications:	12/20/2022 09:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/22/2022 10:57	BJ
319-84-6	alpha-BHC	ND		ug/kg dry	1.64	5	EPA 8081B Certifications:	12/20/2022 09:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/22/2022 10:57	BJ
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.64	5	EPA 8081B Certifications:	12/20/2022 09:28 NELAC-NY10854,NJDEP	12/22/2022 10:57	BJ
319-85-7	beta-BHC	ND		ug/kg dry	1.64	5	EPA 8081B Certifications:	12/20/2022 09:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/22/2022 10:57	BJ
319-86-8	delta-BHC	ND		ug/kg dry	1.64	5	EPA 8081B Certifications:	12/20/2022 09:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/22/2022 10:57	BJ
60-57-1	Dieldrin	ND		ug/kg dry	1.64	5	EPA 8081B Certifications:	12/20/2022 09:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/22/2022 10:57	BJ
959-98-8	Endosulfan I	ND		ug/kg dry	1.64	5	EPA 8081B Certifications:	12/20/2022 09:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/22/2022 10:57	BJ
33213-65-9	Endosulfan II	ND		ug/kg dry	1.64	5	EPA 8081B Certifications:	12/20/2022 09:28 CTDOH-PH-0723,NELAC-NY10854	12/22/2022 10:57	BJ
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.64	5	EPA 8081B Certifications:	12/20/2022 09:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/22/2022 10:57	BJ
72-20-8	Endrin	ND		ug/kg dry	1.64	5	EPA 8081B Certifications:	12/20/2022 09:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/22/2022 10:57	BJ
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.64	5	EPA 8081B Certifications:	12/20/2022 09:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/22/2022 10:57	BJ
76-44-8	Heptachlor	ND		ug/kg dry	1.64	5	EPA 8081B Certifications:	12/20/2022 09:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/22/2022 10:57	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*82.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*94.2 %*	*30-150*

Sample Information

Client Sample ID: SP5-3 **York Sample ID:** 22L1054-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1054	27-09 40th Avenue, Long Island City 19-401	Soil	December 19, 2022 11:55 am	12/19/2022

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications:	12/20/2022 09:28 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	12/22/2022 09:12	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications:	12/20/2022 09:28 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	12/22/2022 09:12	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications:	12/20/2022 09:28 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	12/22/2022 09:12	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications:	12/20/2022 09:28 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	12/22/2022 09:12	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications:	12/20/2022 09:28 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	12/22/2022 09:12	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications:	12/20/2022 09:28 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	12/22/2022 09:12	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications:	12/20/2022 09:28 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	12/22/2022 09:12	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications:	12/20/2022 09:28	12/22/2022 09:12	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*80.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*75.0 %*	*30-140*

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	ND		mg/kg dry	1.36	1	EPA 6010D Certifications:	12/20/2022 14:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 14:51	CW
7440-39-3	**Barium**	**31.7**		mg/kg dry	2.26	1	EPA 6010D Certifications:	12/20/2022 14:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 14:51	CW
7440-41-7	**Beryllium**	**0.297**		mg/kg dry	0.046	1	EPA 6010D Certifications:	12/20/2022 14:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 14:51	CW
7440-43-9	Cadmium	ND		mg/kg dry	0.272	1	EPA 6010D Certifications:	12/20/2022 14:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 14:51	CW
7440-47-3	**Chromium**	**11.4**		mg/kg dry	0.454	1	EPA 6010D Certifications:	12/20/2022 14:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 14:51	CW
7440-50-8	**Copper**	**10.6**		mg/kg dry	1.81	1	EPA 6010D Certifications:	12/20/2022 14:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 14:51	CW
7439-92-1	**Lead**	**6.21**		mg/kg dry	0.454	1	EPA 6010D Certifications:	12/20/2022 14:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 14:51	CW
7439-96-5	**Manganese**	**273**		mg/kg dry	0.454	1	EPA 6010D Certifications:	12/20/2022 14:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 14:51	CW
7440-02-0	**Nickel**	**10.0**		mg/kg dry	0.904	1	EPA 6010D Certifications:	12/20/2022 14:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 14:51	CW

Sample Information

Client Sample ID: SP5-3 **York Sample ID:** 22L1054-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1054	27-09 40th Avenue, Long Island City 19-401	Soil	December 19, 2022 11:55 am	12/19/2022

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
7782-49-2	Selenium	ND		mg/kg dry	2.27	1	EPA 6010D	12/20/2022 14:33	12/21/2022 14:51	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.457	1	EPA 6010D	12/20/2022 14:33	12/21/2022 14:51	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**19.5**		mg/kg dry	2.26	1	EPA 6010D	12/20/2022 14:33	12/21/2022 14:51	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0327	1	EPA 7473	12/22/2022 09:15	12/22/2022 12:05	MR
							Certifications: CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP			

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	0.544	1	EPA 7196A	12/20/2022 07:36	12/20/2022 15:07	LAR
							Certifications: NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP			

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	0.544	1	EPA 9014/9010C	12/20/2022 14:28	12/20/2022 20:00	SL
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			

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	12/22/2022 07:35	12/22/2022 13:53	sgs
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: SP5-4 **York Sample ID:** 22L1054-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1054	27-09 40th Avenue, Long Island City 19-401	Soil	December 19, 2022 12:00 pm	12/19/2022

Sample Information

Client Sample ID: **SP5-4** **York Sample ID:** **22L1054-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1054	27-09 40th Avenue, Long Island City 19-401	Soil	December 19, 2022 12:00 pm	12/19/2022

Semi-Volatiles, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by 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	44.9	89.5	2	EPA 8270D Certifications:	12/20/2022 09:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 19:06	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	44.9	89.5	2	EPA 8270D Certifications:	12/20/2022 09:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 19:06	KH
83-32-9	Acenaphthene	ND		ug/kg dry	44.9	89.5	2	EPA 8270D Certifications:	12/20/2022 09:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 19:06	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	44.9	89.5	2	EPA 8270D Certifications:	12/20/2022 09:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 19:06	KH
120-12-7	Anthracene	ND		ug/kg dry	44.9	89.5	2	EPA 8270D Certifications:	12/20/2022 09:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 19:06	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	44.9	89.5	2	EPA 8270D Certifications:	12/20/2022 09:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 19:06	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	44.9	89.5	2	EPA 8270D Certifications:	12/20/2022 09:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 19:06	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	44.9	89.5	2	EPA 8270D Certifications:	12/20/2022 09:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 19:06	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	44.9	89.5	2	EPA 8270D Certifications:	12/20/2022 09:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 19:06	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	44.9	89.5	2	EPA 8270D Certifications:	12/20/2022 09:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 19:06	KH
218-01-9	Chrysene	ND		ug/kg dry	44.9	89.5	2	EPA 8270D Certifications:	12/20/2022 09:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 19:06	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	44.9	89.5	2	EPA 8270D Certifications:	12/20/2022 09:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 19:06	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	44.9	89.5	2	EPA 8270D Certifications:	12/20/2022 09:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 19:06	KH
206-44-0	Fluoranthene	ND		ug/kg dry	44.9	89.5	2	EPA 8270D Certifications:	12/20/2022 09:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 19:06	KH
86-73-7	Fluorene	ND		ug/kg dry	44.9	89.5	2	EPA 8270D Certifications:	12/20/2022 09:08 NELAC-NY10854,NJDEP,PADEP	12/21/2022 19:06	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	44.9	89.5	2	EPA 8270D Certifications:	12/20/2022 09:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 19:06	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	44.9	89.5	2	EPA 8270D Certifications:	12/20/2022 09:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 19:06	KH
91-20-3	Naphthalene	ND		ug/kg dry	44.9	89.5	2	EPA 8270D Certifications:	12/20/2022 09:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 19:06	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	44.9	89.5	2	EPA 8270D Certifications:	12/20/2022 09:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 19:06	KH
85-01-8	Phenanthrene	ND		ug/kg dry	44.9	89.5	2	EPA 8270D Certifications:	12/20/2022 09:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 19:06	KH
108-95-2	Phenol	ND		ug/kg dry	44.9	89.5	2	EPA 8270D Certifications:	12/20/2022 09:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 19:06	KH
129-00-0	Pyrene	ND		ug/kg dry	44.9	89.5	2	EPA 8270D Certifications:	12/20/2022 09:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 19:06	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*61.4 %*	*20-108*

Sample Information

Client Sample ID: SP5-4 **York Sample ID:** 22L1054-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1054	27-09 40th Avenue, Long Island City 19-401	Soil	December 19, 2022 12:00 pm	12/19/2022

Semi-Volatiles, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-62-2	*Surrogate: SURR: Phenol-d5*	*54.8 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*62.4 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*59.1 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*65.2 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*68.3 %*			*24-116*						

Pesticides, NYSDEC Part 375 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.62	5	EPA 8081B Certifications:	12/20/2022 09:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/22/2022 11:15	BJ
72-55-9	4,4'-DDE	ND		ug/kg dry	1.62	5	EPA 8081B Certifications:	12/20/2022 09:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/22/2022 11:15	BJ
50-29-3	4,4'-DDT	ND		ug/kg dry	1.62	5	EPA 8081B Certifications:	12/20/2022 09:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/22/2022 11:15	BJ
309-00-2	Aldrin	ND		ug/kg dry	1.62	5	EPA 8081B Certifications:	12/20/2022 09:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/22/2022 11:15	BJ
319-84-6	alpha-BHC	ND		ug/kg dry	1.62	5	EPA 8081B Certifications:	12/20/2022 09:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/22/2022 11:15	BJ
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.62	5	EPA 8081B Certifications:	12/20/2022 09:28 NELAC-NY10854,NJDEP	12/22/2022 11:15	BJ
319-85-7	beta-BHC	ND		ug/kg dry	1.62	5	EPA 8081B Certifications:	12/20/2022 09:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/22/2022 11:15	BJ
319-86-8	delta-BHC	ND		ug/kg dry	1.62	5	EPA 8081B Certifications:	12/20/2022 09:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/22/2022 11:15	BJ
60-57-1	Dieldrin	ND		ug/kg dry	1.62	5	EPA 8081B Certifications:	12/20/2022 09:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/22/2022 11:15	BJ
959-98-8	Endosulfan I	ND		ug/kg dry	1.62	5	EPA 8081B Certifications:	12/20/2022 09:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/22/2022 11:15	BJ
33213-65-9	Endosulfan II	ND		ug/kg dry	1.62	5	EPA 8081B Certifications:	12/20/2022 09:28 CTDOH-PH-0723,NELAC-NY10854	12/22/2022 11:15	BJ
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.62	5	EPA 8081B Certifications:	12/20/2022 09:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/22/2022 11:15	BJ
72-20-8	Endrin	ND		ug/kg dry	1.62	5	EPA 8081B Certifications:	12/20/2022 09:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/22/2022 11:15	BJ
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.62	5	EPA 8081B Certifications:	12/20/2022 09:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/22/2022 11:15	BJ
76-44-8	Heptachlor	ND		ug/kg dry	1.62	5	EPA 8081B Certifications:	12/20/2022 09:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/22/2022 11:15	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*90.1 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*96.5 %*	*30-150*

Sample Information

Client Sample ID: SP5-4 **York Sample ID:** 22L1054-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1054	27-09 40th Avenue, Long Island City 19-401	Soil	December 19, 2022 12:00 pm	12/19/2022

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0176	1	EPA 8082A Certifications:	12/20/2022 09:28 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	12/22/2022 09:25	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0176	1	EPA 8082A Certifications:	12/20/2022 09:28 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	12/22/2022 09:25	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0176	1	EPA 8082A Certifications:	12/20/2022 09:28 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	12/22/2022 09:25	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0176	1	EPA 8082A Certifications:	12/20/2022 09:28 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	12/22/2022 09:25	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0176	1	EPA 8082A Certifications:	12/20/2022 09:28 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	12/22/2022 09:25	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0176	1	EPA 8082A Certifications:	12/20/2022 09:28 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	12/22/2022 09:25	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0176	1	EPA 8082A Certifications:	12/20/2022 09:28 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	12/22/2022 09:25	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0176	1	EPA 8082A Certifications:	12/20/2022 09:28	12/22/2022 09:25	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*79.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*77.0 %*	*30-140*

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	ND		mg/kg dry	1.35	1	EPA 6010D Certifications:	12/20/2022 14:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 14:54	CW
7440-39-3	**Barium**	**43.4**		mg/kg dry	2.25	1	EPA 6010D Certifications:	12/20/2022 14:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 14:54	CW
7440-41-7	**Beryllium**	**0.383**		mg/kg dry	0.045	1	EPA 6010D Certifications:	12/20/2022 14:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 14:54	CW
7440-43-9	Cadmium	ND		mg/kg dry	0.270	1	EPA 6010D Certifications:	12/20/2022 14:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 14:54	CW
7440-47-3	**Chromium**	**13.5**		mg/kg dry	0.450	1	EPA 6010D Certifications:	12/20/2022 14:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 14:54	CW
7440-50-8	**Copper**	**13.6**		mg/kg dry	1.80	1	EPA 6010D Certifications:	12/20/2022 14:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 14:54	CW
7439-92-1	**Lead**	**9.23**		mg/kg dry	0.450	1	EPA 6010D Certifications:	12/20/2022 14:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 14:54	CW
7439-96-5	**Manganese**	**399**		mg/kg dry	0.450	1	EPA 6010D Certifications:	12/20/2022 14:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 14:54	CW
7440-02-0	**Nickel**	**12.0**		mg/kg dry	0.897	1	EPA 6010D Certifications:	12/20/2022 14:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	12/21/2022 14:54	CW

Sample Information

Client Sample ID: SP5-4 **York Sample ID:** 22L1054-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1054	27-09 40th Avenue, Long Island City 19-401	Soil	December 19, 2022 12:00 pm	12/19/2022

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
7782-49-2	Selenium	ND		mg/kg dry	2.25	1	EPA 6010D	12/20/2022 14:33	12/21/2022 14:54	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.454	1	EPA 6010D	12/20/2022 14:33	12/21/2022 14:54	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**27.3**		mg/kg dry	2.24	1	EPA 6010D	12/20/2022 14:33	12/21/2022 14:54	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0324	1	EPA 7473	12/22/2022 09:15	12/22/2022 12:14	MR
							Certifications: CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP			

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	0.540	1	EPA 7196A	12/20/2022 07:36	12/20/2022 15:07	LAR
							Certifications: NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP			

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	0.540	1	EPA 9014/9010C	12/20/2022 14:28	12/20/2022 20:00	SL
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			

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**	**92.6**		%	0.100	1	SM 2540G	12/22/2022 07:35	12/22/2022 13:53	sgs
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: CS-11 **York Sample ID:** 22L1054-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1054	27-09 40th Avenue, Long Island City 19-401	Soil	December 19, 2022 11:25 am	12/19/2022

Sample Information

Client Sample ID: CS-11 **York Sample ID:** 22L1054-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1054	27-09 40th Avenue, Long Island City 19-401	Soil	December 19, 2022 11:25 am	12/19/2022

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	12/20/2022 09:00	12/20/2022 21:31	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	12/20/2022 09:00	12/20/2022 21:31	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	12/20/2022 09:00	12/20/2022 21:31	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	12/20/2022 09:00	12/20/2022 21:31	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	12/20/2022 09:00	12/20/2022 21:31	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	12/20/2022 09:00	12/20/2022 21:31	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	12/20/2022 09:00	12/20/2022 21:31	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	12/20/2022 09:00	12/20/2022 21:31	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	12/20/2022 09:00	12/20/2022 21:31	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
123-91-1	1,4-Dioxane	ND		ug/kg dry	55	110	1	EPA 8260C	12/20/2022 09:00	12/20/2022 21:31	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	12/20/2022 09:00	12/20/2022 21:31	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-64-1	Acetone	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/20/2022 09:00	12/20/2022 21:31	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-43-2	Benzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	12/20/2022 09:00	12/20/2022 21:31	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	12/20/2022 09:00	12/20/2022 21:31	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-90-7	Chlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	12/20/2022 09:00	12/20/2022 21:31	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-66-3	Chloroform	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	12/20/2022 09:00	12/20/2022 21:31	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	12/20/2022 09:00	12/20/2022 21:31	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	12/20/2022 09:00	12/20/2022 21:31	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	12/20/2022 09:00	12/20/2022 21:31	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-09-2	Methylene chloride	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/20/2022 09:00	12/20/2022 21:31	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
91-20-3	Naphthalene	ND		ug/kg dry	2.8	11	1	EPA 8260C	12/20/2022 09:00	12/20/2022 21:31	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	12/20/2022 09:00	12/20/2022 21:31	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	12/20/2022 09:00	12/20/2022 21:31	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: CS-11 **York Sample ID:** 22L1054-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22L1054	27-09 40th Avenue, Long Island City 19-401	Soil	December 19, 2022 11:25 am	12/19/2022

Volatile Organics, NYSDEC Part 375 List

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		ug/kg dry	2.8	5.5	1	EPA 8260C	12/20/2022 09:00	12/20/2022 21:31	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/20/2022 09:00	12/20/2022 21:31	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	12/20/2022 09:00	12/20/2022 21:31	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	12/20/2022 09:00	12/20/2022 21:31	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
127-18-4	**Tetrachloroethylene**	**4.2**	J	ug/kg dry	2.8	5.5	1	EPA 8260C	12/20/2022 09:00	12/20/2022 21:31	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
108-88-3	Toluene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	12/20/2022 09:00	12/20/2022 21:31	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	12/20/2022 09:00	12/20/2022 21:31	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-01-6	Trichloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	12/20/2022 09:00	12/20/2022 21:31	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	12/20/2022 09:00	12/20/2022 21:31	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.3	17	1	EPA 8260C	12/20/2022 09:00	12/20/2022 21:31	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*98.7 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.8 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*91.9 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.6**		%	0.100	1	SM 2540G	12/22/2022 07:40	12/22/2022 14:00	sgs
							Certifications:	CTDOH-PH-0723		

Analytical Batch Summary

Batch ID: BL21099 **Preparation Method:** EPA SW846-3060 **Prepared By:** LAR

YORK Sample ID	Client Sample ID	Preparation Date
22L1054-11	SP5-1	12/20/22
22L1054-12	SP5-2	12/20/22
22L1054-13	SP5-3	12/20/22
22L1054-14	SP5-4	12/20/22
BL21099-BLK1	Blank	12/20/22
BL21099-DUP1	Duplicate	12/20/22
BL21099-MS1	Matrix Spike	12/20/22
BL21099-SRM1	Reference	12/20/22

Batch ID: BL21120 **Preparation Method:** EPA 3550C **Prepared By:** FK

YORK Sample ID	Client Sample ID	Preparation Date
22L1054-11	SP5-1	12/20/22
22L1054-12	SP5-2	12/20/22
22L1054-13	SP5-3	12/20/22
22L1054-14	SP5-4	12/20/22
BL21120-BLK1	Blank	12/20/22
BL21120-BS1	LCS	12/20/22
BL21120-MS1	Matrix Spike	12/20/22
BL21120-MSD1	Matrix Spike Dup	12/20/22

Batch ID: BL21132 **Preparation Method:** EPA 5035A **Prepared By:** FTR

YORK Sample ID	Client Sample ID	Preparation Date
22L1054-01	CS-1	12/20/22
22L1054-02	CS-2	12/20/22
22L1054-03	CS-3	12/20/22
22L1054-04	CS-4	12/20/22
22L1054-05	CS-5	12/20/22
22L1054-06	CS-6	12/20/22
22L1054-07	CS-7	12/20/22
22L1054-08	CS-8	12/20/22
22L1054-09	CS-9	12/20/22
BL21132-BLK1	Blank	12/20/22
BL21132-BLK2	Blank	12/20/22
BL21132-BS1	LCS	12/20/22
BL21132-BSD1	LCS Dup	12/20/22

Batch ID: BL21133 **Preparation Method:** EPA 3550C **Prepared By:** FK

YORK Sample ID	Client Sample ID	Preparation Date
22L1054-11	SP5-1	12/20/22
22L1054-11	SP5-1	12/20/22
22L1054-12	SP5-2	12/20/22

22L1054-12	SP5-2	12/20/22
22L1054-13	SP5-3	12/20/22
22L1054-13	SP5-3	12/20/22
22L1054-14	SP5-4	12/20/22
22L1054-14	SP5-4	12/20/22
BL21133-BLK1	Blank	12/20/22
BL21133-BLK2	Blank	12/20/22
BL21133-BS1	LCS	12/20/22
BL21133-BS2	LCS	12/20/22
BL21133-MS2	Matrix Spike	12/20/22
BL21133-MSD2	Matrix Spike Dup	12/20/22

Batch ID: BL21150 **Preparation Method:** EPA 5035A **Prepared By:** FTR

YORK Sample ID	Client Sample ID	Preparation Date
22L1054-15	CS-11	12/20/22
BL21150-BLK1	Blank	12/20/22
BL21150-BLK2	Blank	12/20/22
BL21150-BS1	LCS	12/20/22
BL21150-BSD1	LCS Dup	12/20/22
BL21150-MS1	Matrix Spike	12/20/22
BL21150-MSD1	Matrix Spike Dup	12/20/22

Batch ID: BL21168 **Preparation Method:** Analysis Preparation Soil **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
22L1054-11	SP5-1	12/20/22
22L1054-12	SP5-2	12/20/22
22L1054-13	SP5-3	12/20/22
22L1054-14	SP5-4	12/20/22
BL21168-BLK1	Blank	12/20/22
BL21168-DUP1	Duplicate	12/20/22
BL21168-MS1	Matrix Spike	12/20/22
BL21168-SRM1	Reference	12/20/22

Batch ID: BL21172 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
22L1054-11	SP5-1	12/20/22
22L1054-12	SP5-2	12/20/22
22L1054-13	SP5-3	12/20/22
22L1054-14	SP5-4	12/20/22
BL21172-BLK1	Blank	12/20/22
BL21172-DUP1	Duplicate	12/20/22
BL21172-MS1	Matrix Spike	12/20/22
BL21172-PS1	Post Spike	12/20/22
BL21172-SRM1	Reference	12/20/22

Batch ID: BL21224 **Preparation Method:** EPA 5035A **Prepared By:** FTR

YORK Sample ID	Client Sample ID	Preparation Date
22L1054-10	CS-10	12/21/22
BL21224-BLK1	Blank	12/21/22
BL21224-BLK2	Blank	12/21/22
BL21224-BS1	LCS	12/21/22
BL21224-BSD1	LCS Dup	12/21/22

Batch ID: BL21287 **Preparation Method:** % Solids Prep **Prepared By:** sgs

YORK Sample ID	Client Sample ID	Preparation Date
22L1054-01	CS-1	12/22/22
22L1054-02	CS-2	12/22/22
22L1054-03	CS-3	12/22/22
22L1054-04	CS-4	12/22/22
22L1054-05	CS-5	12/22/22
22L1054-06	CS-6	12/22/22
22L1054-07	CS-7	12/22/22
22L1054-08	CS-8	12/22/22
22L1054-09	CS-9	12/22/22
22L1054-10	CS-10	12/22/22
22L1054-11	SP5-1	12/22/22
22L1054-12	SP5-2	12/22/22
22L1054-13	SP5-3	12/22/22
22L1054-14	SP5-4	12/22/22
BL21287-DUP1	Duplicate	12/22/22

Batch ID: BL21290 **Preparation Method:** % Solids Prep **Prepared By:** sgs

YORK Sample ID	Client Sample ID	Preparation Date
22L1054-15	CS-11	12/22/22
BL21290-DUP1	Duplicate	12/22/22

Batch ID: BL21311 **Preparation Method:** EPA 7473 soil **Prepared By:** MR

YORK Sample ID	Client Sample ID	Preparation Date
22L1054-11	SP5-1	12/22/22
22L1054-12	SP5-2	12/22/22
22L1054-13	SP5-3	12/22/22
22L1054-14	SP5-4	12/22/22
BL21311-BLK1	Blank	12/22/22
BL21311-DUP1	Duplicate	12/22/22
BL21311-MS1	Matrix Spike	12/22/22
BL21311-SRM1	Reference	12/22/22

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 BL21132 - EPA 5035A											
Blank (BL21132-BLK1)											Prepared & Analyzed: 12/20/2022
1,1,1-Trichloroethane	ND	5.0	ug/kg wet								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2-Butanone	ND	5.0	"								
Acetone	ND	10	"								
Benzene	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroform	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	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	"								
sec-Butylbenzene	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*44.5*		*ug/L*	*50.0*		*89.1*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.9*		*"*	*50.0*		*104*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.1*		*"*	*50.0*		*98.2*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL21132 - EPA 5035A											
Blank (BL21132-BLK2)											Prepared & Analyzed: 12/20/2022
1,1,1-Trichloroethane	ND	500	ug/kg wet								
1,1-Dichloroethane	ND	500	"								
1,1-Dichloroethylene	ND	500	"								
1,2,4-Trimethylbenzene	ND	500	"								
1,2-Dichlorobenzene	ND	500	"								
1,2-Dichloroethane	ND	500	"								
1,3,5-Trimethylbenzene	ND	500	"								
1,3-Dichlorobenzene	ND	500	"								
1,4-Dichlorobenzene	ND	500	"								
1,4-Dioxane	ND	10000	"								
2-Butanone	ND	500	"								
Acetone	ND	1000	"								
Benzene	ND	500	"								
Carbon tetrachloride	ND	500	"								
Chlorobenzene	ND	500	"								
Chloroform	ND	500	"								
cis-1,2-Dichloroethylene	ND	500	"								
Ethyl Benzene	ND	500	"								
Methyl tert-butyl ether (MTBE)	ND	500	"								
Methylene chloride	ND	1000	"								
Naphthalene	ND	1000	"								
n-Butylbenzene	ND	500	"								
n-Propylbenzene	ND	500	"								
o-Xylene	ND	500	"								
p- & m- Xylenes	ND	1000	"								
sec-Butylbenzene	ND	500	"								
tert-Butylbenzene	ND	500	"								
Tetrachloroethylene	ND	500	"								
Toluene	ND	500	"								
trans-1,2-Dichloroethylene	ND	500	"								
Trichloroethylene	ND	500	"								
Vinyl Chloride	ND	500	"								
Xylenes, Total	ND	1500	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*45.0*		*ug/L*	*50.0*		*90.0*	*77-125*				
Surrogate: SURR: Toluene-d8	*52.0*		*"*	*50.0*		*104*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.5*		*"*	*50.0*		*97.0*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL21132 - EPA 5035A											
LCS (BL21132-BS1)							Prepared & Analyzed: 12/20/2022				
1,1,1-Trichloroethane	41		ug/L	50.0		81.4	71-137				
1,1-Dichloroethane	44		"	50.0		87.0	75-130				
1,1-Dichloroethylene	41		"	50.0		82.9	64-137				
1,2,4-Trimethylbenzene	49		"	50.0		98.0	84-125				
1,2-Dichlorobenzene	50		"	50.0		99.4	85-122				
1,2-Dichloroethane	39		"	50.0		78.4	71-133				
1,3,5-Trimethylbenzene	48		"	50.0		95.3	82-126				
1,3-Dichlorobenzene	50		"	50.0		101	84-124				
1,4-Dichlorobenzene	50		"	50.0		100	84-124				
1,4-Dioxane	1200		"	1050		110	10-228				
2-Butanone	47		"	50.0		94.3	58-147				
Acetone	32		"	50.0		64.4	36-155				
Benzene	46		"	50.0		92.6	77-127				
Carbon tetrachloride	41		"	50.0		82.7	66-143				
Chlorobenzene	50		"	50.0		100	86-120				
Chloroform	42		"	50.0		84.1	76-131				
cis-1,2-Dichloroethylene	43		"	50.0		85.9	74-132				
Ethyl Benzene	46		"	50.0		92.8	84-125				
Methyl tert-butyl ether (MTBE)	42		"	50.0		84.4	74-131				
Methylene chloride	45		"	50.0		89.2	57-141				
Naphthalene	52		"	50.0		104	86-141				
n-Butylbenzene	48		"	50.0		95.7	80-130				
n-Propylbenzene	50		"	50.0		99.5	74-136				
o-Xylene	46		"	50.0		92.3	83-123				
p- & m- Xylenes	92		"	100		91.7	82-128				
sec-Butylbenzene	50		"	50.0		99.0	83-125				
tert-Butylbenzene	45		"	50.0		89.0	80-127				
Tetrachloroethylene	40		"	50.0		79.3	80-129	Low Bias			
Toluene	48		"	50.0		95.5	85-121				
trans-1,2-Dichloroethylene	45		"	50.0		89.1	72-132				
Trichloroethylene	46		"	50.0		91.3	84-123				
Vinyl Chloride	39		"	50.0		78.8	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*45.0*		*"*	*50.0*		*90.0*	*77-125*				
Surrogate: SURR: Toluene-d8	*52.0*		*"*	*50.0*		*104*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.6*		*"*	*50.0*		*97.3*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL21132 - EPA 5035A											
LCS Dup (BL21132-BSD1)								Prepared & Analyzed: 12/20/2022			
1,1,1-Trichloroethane	42		ug/L	50.0		83.9	71-137		2.95	30	
1,1-Dichloroethane	45		"	50.0		89.4	75-130		2.70	30	
1,1-Dichloroethylene	43		"	50.0		85.7	64-137		3.32	30	
1,2,4-Trimethylbenzene	51		"	50.0		103	84-125		4.61	30	
1,2-Dichlorobenzene	52		"	50.0		105	85-122		5.27	30	
1,2-Dichloroethane	41		"	50.0		81.3	71-133		3.66	30	
1,3,5-Trimethylbenzene	50		"	50.0		99.3	82-126		4.05	30	
1,3-Dichlorobenzene	53		"	50.0		107	84-124		5.75	30	
1,4-Dichlorobenzene	52		"	50.0		105	84-124		4.60	30	
1,4-Dioxane	1100		"	1050		106	10-228		4.32	30	
2-Butanone	46		"	50.0		91.8	58-147		2.75	30	
Acetone	32		"	50.0		63.6	36-155		1.31	30	
Benzene	48		"	50.0		95.8	77-127		3.46	30	
Carbon tetrachloride	42		"	50.0		84.8	66-143		2.46	30	
Chlorobenzene	53		"	50.0		106	86-120		5.32	30	
Chloroform	43		"	50.0		86.5	76-131		2.79	30	
cis-1,2-Dichloroethylene	44		"	50.0		88.8	74-132		3.23	30	
Ethyl Benzene	48		"	50.0		96.3	84-125		3.70	30	
Methyl tert-butyl ether (MTBE)	44		"	50.0		87.7	74-131		3.79	30	
Methylene chloride	46		"	50.0		92.0	57-141		3.07	30	
Naphthalene	54		"	50.0		109	86-141		3.81	30	
n-Butylbenzene	50		"	50.0		100	80-130		4.69	30	
n-Propylbenzene	52		"	50.0		104	74-136		4.50	30	
o-Xylene	48		"	50.0		97.0	83-123		4.99	30	
p- & m- Xylenes	96		"	100		95.8	82-128		4.31	30	
sec-Butylbenzene	52		"	50.0		103	83-125		4.35	30	
tert-Butylbenzene	47		"	50.0		93.3	80-127		4.67	30	
Tetrachloroethylene	41		"	50.0		82.6	80-129		4.10	30	
Toluene	50		"	50.0		99.2	85-121		3.80	30	
trans-1,2-Dichloroethylene	46		"	50.0		91.9	72-132		3.12	30	
Trichloroethylene	48		"	50.0		96.2	84-123		5.20	30	
Vinyl Chloride	40		"	50.0		79.7	52-130		1.08	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*43.6*		*"*	*50.0*		*87.2*	*77-125*				
Surrogate: SURR: Toluene-d8	*52.0*		*"*	*50.0*		*104*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.0*		*"*	*50.0*		*97.9*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL21150 - EPA 5035A											
Blank (BL21150-BLK1)											Prepared & Analyzed: 12/20/2022
1,1,1-Trichloroethane	ND	5.0	ug/kg wet								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2-Butanone	ND	5.0	"								
Acetone	ND	10	"								
Benzene	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroform	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	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	"								
sec-Butylbenzene	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.5*		*ug/L*	*50.0*		*98.9*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.4*		*"*	*50.0*		*96.8*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*46.1*		*"*	*50.0*		*92.2*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL21150 - EPA 5035A											
Blank (BL21150-BLK2)											Prepared & Analyzed: 12/20/2022
1,1,1-Trichloroethane	ND	500	ug/kg wet								
1,1-Dichloroethane	ND	500	"								
1,1-Dichloroethylene	ND	500	"								
1,2,4-Trimethylbenzene	ND	500	"								
1,2-Dichlorobenzene	ND	500	"								
1,2-Dichloroethane	ND	500	"								
1,3,5-Trimethylbenzene	ND	500	"								
1,3-Dichlorobenzene	ND	500	"								
1,4-Dichlorobenzene	ND	500	"								
1,4-Dioxane	ND	10000	"								
2-Butanone	ND	500	"								
Acetone	ND	1000	"								
Benzene	ND	500	"								
Carbon tetrachloride	ND	500	"								
Chlorobenzene	ND	500	"								
Chloroform	ND	500	"								
cis-1,2-Dichloroethylene	ND	500	"								
Ethyl Benzene	ND	500	"								
Methyl tert-butyl ether (MTBE)	ND	500	"								
Methylene chloride	ND	1000	"								
Naphthalene	ND	1000	"								
n-Butylbenzene	ND	500	"								
n-Propylbenzene	ND	500	"								
o-Xylene	ND	500	"								
p- & m- Xylenes	ND	1000	"								
sec-Butylbenzene	ND	500	"								
tert-Butylbenzene	ND	500	"								
Tetrachloroethylene	ND	500	"								
Toluene	ND	500	"								
trans-1,2-Dichloroethylene	ND	500	"								
Trichloroethylene	ND	500	"								
Vinyl Chloride	ND	500	"								
Xylenes, Total	ND	1500	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.6*		*ug/L*	*50.0*		*99.2*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.6*		*"*	*50.0*		*97.1*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*45.9*		*"*	*50.0*		*91.8*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL21150 - EPA 5035A											
LCS (BL21150-BS1)							Prepared & Analyzed: 12/20/2022				
1,1,1-Trichloroethane	53		ug/L	50.0		106	71-137				
1,1-Dichloroethane	49		"	50.0		99.0	75-130				
1,1-Dichloroethylene	51		"	50.0		103	64-137				
1,2,4-Trimethylbenzene	51		"	50.0		102	84-125				
1,2-Dichlorobenzene	52		"	50.0		105	85-122				
1,2-Dichloroethane	52		"	50.0		103	71-133				
1,3,5-Trimethylbenzene	51		"	50.0		101	82-126				
1,3-Dichlorobenzene	52		"	50.0		105	84-124				
1,4-Dichlorobenzene	52		"	50.0		103	84-124				
1,4-Dioxane	1500		"	1050		139	10-228				
2-Butanone	51		"	50.0		103	58-147				
Acetone	38		"	50.0		75.6	36-155				
Benzene	54		"	50.0		108	77-127				
Carbon tetrachloride	55		"	50.0		110	66-143				
Chlorobenzene	55		"	50.0		110	86-120				
Chloroform	53		"	50.0		105	76-131				
cis-1,2-Dichloroethylene	51		"	50.0		101	74-132				
Ethyl Benzene	52		"	50.0		105	84-125				
Methyl tert-butyl ether (MTBE)	49		"	50.0		98.6	74-131				
Methylene chloride	49		"	50.0		97.8	57-141				
Naphthalene	51		"	50.0		102	86-141				
n-Butylbenzene	50		"	50.0		100	80-130				
n-Propylbenzene	51		"	50.0		102	74-136				
o-Xylene	53		"	50.0		106	83-123				
p- & m- Xylenes	110		"	100		108	82-128				
sec-Butylbenzene	52		"	50.0		104	83-125				
tert-Butylbenzene	52		"	50.0		104	80-127				
Tetrachloroethylene	42		"	50.0		83.0	80-129				
Toluene	52		"	50.0		104	85-121				
trans-1,2-Dichloroethylene	51		"	50.0		102	72-132				
Trichloroethylene	50		"	50.0		101	84-123				
Vinyl Chloride	47		"	50.0		93.4	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.8*		*"*	*50.0*		*97.7*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.0*		*"*	*50.0*		*97.9*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*46.7*		*"*	*50.0*		*93.5*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL21150 - EPA 5035A											
LCS Dup (BL21150-BSD1)								Prepared & Analyzed: 12/20/2022			
1,1,1-Trichloroethane	55		ug/L	50.0		110	71-137		3.25	30	
1,1-Dichloroethane	51		"	50.0		102	75-130		2.97	30	
1,1-Dichloroethylene	53		"	50.0		106	64-137		2.95	30	
1,2,4-Trimethylbenzene	52		"	50.0		105	84-125		2.35	30	
1,2-Dichlorobenzene	53		"	50.0		107	85-122		1.77	30	
1,2-Dichloroethane	52		"	50.0		105	71-133		1.54	30	
1,3,5-Trimethylbenzene	52		"	50.0		103	82-126		2.23	30	
1,3-Dichlorobenzene	54		"	50.0		107	84-124		2.55	30	
1,4-Dichlorobenzene	47		"	50.0		94.9	84-124		8.44	30	
1,4-Dioxane	1500		"	1050		139	10-228		0.0719	30	
2-Butanone	53		"	50.0		105	58-147		2.46	30	
Acetone	38		"	50.0		75.8	36-155		0.185	30	
Benzene	56		"	50.0		111	77-127		2.98	30	
Carbon tetrachloride	56		"	50.0		112	66-143		2.20	30	
Chlorobenzene	56		"	50.0		113	86-120		2.28	30	
Chloroform	54		"	50.0		108	76-131		2.25	30	
cis-1,2-Dichloroethylene	52		"	50.0		104	74-132		2.94	30	
Ethyl Benzene	54		"	50.0		107	84-125		2.56	30	
Methyl tert-butyl ether (MTBE)	51		"	50.0		101	74-131		2.54	30	
Methylene chloride	50		"	50.0		99.8	57-141		2.11	30	
Naphthalene	53		"	50.0		105	86-141		2.99	30	
n-Butylbenzene	52		"	50.0		103	80-130		2.67	30	
n-Propylbenzene	52		"	50.0		104	74-136		2.30	30	
o-Xylene	54		"	50.0		108	83-123		2.32	30	
p- & m- Xylenes	110		"	100		110	82-128		1.78	30	
sec-Butylbenzene	53		"	50.0		107	83-125		2.89	30	
tert-Butylbenzene	53		"	50.0		106	80-127		1.91	30	
Tetrachloroethylene	43		"	50.0		85.6	80-129		3.04	30	
Toluene	53		"	50.0		106	85-121		2.36	30	
trans-1,2-Dichloroethylene	52		"	50.0		104	72-132		1.88	30	
Trichloroethylene	52		"	50.0		103	84-123		2.47	30	
Vinyl Chloride	48		"	50.0		96.3	52-130		3.02	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.2*		*"*	*50.0*		*98.4*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.8*		*"*	*50.0*		*97.6*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*46.8*		*"*	*50.0*		*93.6*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL21150 - EPA 5035A											
Matrix Spike (BL21150-MS1)	*Source sample: 22L0949-21 (Matrix Spike)						Prepared & Analyzed: 12/20/2022				
1,1,1-Trichloroethane	46		ug/L	50.0	0.0	92.6	42-145				
1,1-Dichloroethane	43		"	50.0	0.0	86.9	46-142				
1,1-Dichloroethylene	44		"	50.0	0.0	88.2	30-153				
1,2,4-Trimethylbenzene	36		"	50.0	0.0	73.0	10-170				
1,2-Dichlorobenzene	38		"	50.0	0.0	76.6	10-147				
1,2-Dichloroethane	45		"	50.0	0.0	89.1	48-133				
1,3,5-Trimethylbenzene	37		"	50.0	0.0	73.2	10-150				
1,3-Dichlorobenzene	37		"	50.0	0.0	73.1	10-144				
1,4-Dichlorobenzene	34		"	50.0	0.0	68.1	10-160				
1,4-Dioxane	1200		"	1050	0.0	117	10-191				
2-Butanone	40		"	50.0	0.0	80.2	10-189				
Acetone	31		"	50.0	0.0	61.1	10-196				
Benzene	47		"	50.0	0.0	94.4	43-139				
Carbon tetrachloride	45		"	50.0	0.0	89.7	35-145				
Chlorobenzene	45		"	50.0	0.0	89.6	21-154				
Chloroform	46		"	50.0	0.0	92.5	47-142				
cis-1,2-Dichloroethylene	43		"	50.0	0.0	86.8	42-144				
Ethyl Benzene	42		"	50.0	0.0	83.5	11-158				
Methyl tert-butyl ether (MTBE)	43		"	50.0	0.0	86.4	42-152				
Methylene chloride	46		"	50.0	3.3	84.6	28-151				
Naphthalene	34		"	50.0	0.0	68.1	10-158				
n-Butylbenzene	28		"	50.0	0.0	55.7	10-162				
n-Propylbenzene	36		"	50.0	0.0	71.6	10-155				
o-Xylene	43		"	50.0	0.0	85.3	10-158				
p- & m- Xylenes	85		"	100	0.0	84.6	10-156				
sec-Butylbenzene	33		"	50.0	0.0	65.3	10-157				
tert-Butylbenzene	36		"	50.0	0.0	72.5	10-160				
Tetrachloroethylene	32		"	50.0	0.0	64.3	30-167				
Toluene	44		"	50.0	0.0	87.4	21-160				
trans-1,2-Dichloroethylene	44		"	50.0	0.0	87.0	29-153				
Trichloroethylene	69		"	50.0	0.0	138	24-169				
Vinyl Chloride	41		"	50.0	0.0	82.9	12-160				
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.6*		*"*	*50.0*		*99.2*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.5*		*"*	*50.0*		*97.0*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*46.9*		*"*	*50.0*		*93.8*	*70-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL21150 - EPA 5035A											
Matrix Spike Dup (BL21150-MSD1)	*Source sample: 22L0949-21 (Matrix Spike Dup)								Prepared & Analyzed: 12/20/2022		
1,1,1-Trichloroethane	46		ug/L	50.0	0.0	91.5	42-145		1.19	30	
1,1-Dichloroethane	43		"	50.0	0.0	86.8	46-142		0.0691	36	
1,1-Dichloroethylene	44		"	50.0	0.0	88.0	30-153		0.227	31	
1,2,4-Trimethylbenzene	36		"	50.0	0.0	71.1	10-170		2.61	242	
1,2-Dichlorobenzene	38		"	50.0	0.0	75.4	10-147		1.58	52	
1,2-Dichloroethane	44		"	50.0	0.0	88.2	48-133		1.04	32	
1,3,5-Trimethylbenzene	36		"	50.0	0.0	71.6	10-150		2.24	62	
1,3-Dichlorobenzene	36		"	50.0	0.0	71.4	10-144		2.44	51	
1,4-Dichlorobenzene	33		"	50.0	0.0	67.0	10-160		1.60	52	
1,4-Dioxane	1200		"	1050	0.0	119	10-191		1.88	196	
2-Butanone	41		"	50.0	0.0	81.4	10-189		1.53	67	
Acetone	30		"	50.0	0.0	60.3	10-196		1.32	150	
Benzene	47		"	50.0	0.0	93.7	43-139		0.723	64	
Carbon tetrachloride	45		"	50.0	0.0	89.3	35-145		0.402	31	
Chlorobenzene	44		"	50.0	0.0	88.5	21-154		1.23	32	
Chloroform	46		"	50.0	0.0	91.1	47-142		1.48	29	
cis-1,2-Dichloroethylene	43		"	50.0	0.0	86.5	42-144		0.415	30	
Ethyl Benzene	41		"	50.0	0.0	82.5	11-158		1.16	42	
Methyl tert-butyl ether (MTBE)	43		"	50.0	0.0	85.5	42-152		1.02	47	
Methylene chloride	45		"	50.0	3.3	82.8	28-151		2.20	49	
Naphthalene	34		"	50.0	0.0	67.7	10-158		0.677	95	
n-Butylbenzene	27		"	50.0	0.0	54.1	10-162		2.99	96	
n-Propylbenzene	35		"	50.0	0.0	70.2	10-155		1.89	56	
o-Xylene	42		"	50.0	0.0	84.2	10-158		1.27	51	
p- & m- Xylenes	83		"	100	0.0	83.1	10-156		1.84	47	
sec-Butylbenzene	32		"	50.0	0.0	64.0	10-157		2.01	56	
tert-Butylbenzene	36		"	50.0	0.0	71.7	10-160		1.05	79	
Tetrachloroethylene	31		"	50.0	0.0	62.9	30-167		2.20	33	
Toluene	43		"	50.0	0.0	86.5	21-160		0.943	50	
trans-1,2-Dichloroethylene	43		"	50.0	0.0	85.6	29-153		1.58	30	
Trichloroethylene	69		"	50.0	0.0	139	24-169		0.159	30	
Vinyl Chloride	41		"	50.0	0.0	81.3	12-160		1.97	35	
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.4*		*"*	*50.0*		*98.8*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.6*		*"*	*50.0*		*97.2*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*47.2*		*"*	*50.0*		*94.5*	*70-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL21224 - EPA 5035A											
Blank (BL21224-BLK1)											Prepared & Analyzed: 12/21/2022
1,1,1-Trichloroethane	ND	5.0	ug/kg wet								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2-Butanone	ND	5.0	"								
Acetone	ND	10	"								
Benzene	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroform	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	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	"								
sec-Butylbenzene	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.2*		*ug/L*	*50.0*		*98.5*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.4*		*"*	*50.0*		*96.8*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*45.4*		*"*	*50.0*		*90.8*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL21224 - EPA 5035A											
Blank (BL21224-BLK2)											Prepared & Analyzed: 12/21/2022
1,1,1-Trichloroethane	ND	500	ug/kg wet								
1,1-Dichloroethane	ND	500	"								
1,1-Dichloroethylene	ND	500	"								
1,2,4-Trimethylbenzene	ND	500	"								
1,2-Dichlorobenzene	ND	500	"								
1,2-Dichloroethane	ND	500	"								
1,3,5-Trimethylbenzene	ND	500	"								
1,3-Dichlorobenzene	ND	500	"								
1,4-Dichlorobenzene	ND	500	"								
1,4-Dioxane	ND	10000	"								
2-Butanone	ND	500	"								
Acetone	ND	1000	"								
Benzene	ND	500	"								
Carbon tetrachloride	ND	500	"								
Chlorobenzene	ND	500	"								
Chloroform	ND	500	"								
cis-1,2-Dichloroethylene	ND	500	"								
Ethyl Benzene	ND	500	"								
Methyl tert-butyl ether (MTBE)	ND	500	"								
Methylene chloride	ND	1000	"								
Naphthalene	ND	1000	"								
n-Butylbenzene	ND	500	"								
n-Propylbenzene	ND	500	"								
o-Xylene	ND	500	"								
p- & m- Xylenes	ND	1000	"								
sec-Butylbenzene	ND	500	"								
tert-Butylbenzene	ND	500	"								
Tetrachloroethylene	ND	500	"								
Toluene	ND	500	"								
trans-1,2-Dichloroethylene	ND	500	"								
Trichloroethylene	ND	500	"								
Vinyl Chloride	ND	500	"								
Xylenes, Total	ND	1500	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.6*		*ug/L*	*50.0*		*97.2*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.6*		*"*	*50.0*		*97.2*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*45.5*		*"*	*50.0*		*90.9*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL21224 - EPA 5035A											
LCS (BL21224-BS1)							Prepared & Analyzed: 12/21/2022				
1,1,1-Trichloroethane	50		ug/L	50.0		100	71-137				
1,1-Dichloroethane	47		"	50.0		93.3	75-130				
1,1-Dichloroethylene	48		"	50.0		96.0	64-137				
1,2,4-Trimethylbenzene	48		"	50.0		96.7	84-125				
1,2-Dichlorobenzene	49		"	50.0		98.8	85-122				
1,2-Dichloroethane	49		"	50.0		98.3	71-133				
1,3,5-Trimethylbenzene	48		"	50.0		95.0	82-126				
1,3-Dichlorobenzene	50		"	50.0		99.2	84-124				
1,4-Dichlorobenzene	49		"	50.0		97.9	84-124				
1,4-Dioxane	1300		"	1050		127	10-228				
2-Butanone	50		"	50.0		99.8	58-147				
Acetone	36		"	50.0		71.6	36-155				
Benzene	51		"	50.0		102	77-127				
Carbon tetrachloride	51		"	50.0		101	66-143				
Chlorobenzene	52		"	50.0		104	86-120				
Chloroform	50		"	50.0		99.7	76-131				
cis-1,2-Dichloroethylene	48		"	50.0		95.6	74-132				
Ethyl Benzene	49		"	50.0		98.7	84-125				
Methyl tert-butyl ether (MTBE)	47		"	50.0		93.9	74-131				
Methylene chloride	47		"	50.0		93.4	57-141				
Naphthalene	49		"	50.0		97.3	86-141				
n-Butylbenzene	48		"	50.0		95.2	80-130				
n-Propylbenzene	48		"	50.0		95.5	74-136				
o-Xylene	50		"	50.0		99.2	83-123				
p- & m- Xylenes	100		"	100		101	82-128				
sec-Butylbenzene	49		"	50.0		97.2	83-125				
tert-Butylbenzene	49		"	50.0		97.1	80-127				
Tetrachloroethylene	39		"	50.0		77.9	80-129	Low Bias			
Toluene	48		"	50.0		96.8	85-121				
trans-1,2-Dichloroethylene	48		"	50.0		96.1	72-132				
Trichloroethylene	48		"	50.0		95.3	84-123				
Vinyl Chloride	43		"	50.0		86.5	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.5*		*"*	*50.0*		*99.0*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.4*		*"*	*50.0*		*96.8*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*46.3*		*"*	*50.0*		*92.5*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL21224 - EPA 5035A											
LCS Dup (BL21224-BSD1)								Prepared & Analyzed: 12/21/2022			
1,1,1-Trichloroethane	54		ug/L	50.0		108	71-137		7.90	30	
1,1-Dichloroethane	50		"	50.0		101	75-130		7.87	30	
1,1-Dichloroethylene	51		"	50.0		103	64-137		7.00	30	
1,2,4-Trimethylbenzene	52		"	50.0		105	84-125		7.85	30	
1,2-Dichlorobenzene	54		"	50.0		107	85-122		8.30	30	
1,2-Dichloroethane	53		"	50.0		106	71-133		7.45	30	
1,3,5-Trimethylbenzene	51		"	50.0		102	82-126		7.22	30	
1,3-Dichlorobenzene	54		"	50.0		107	84-124		7.92	30	
1,4-Dichlorobenzene	53		"	50.0		105	84-124		7.47	30	
1,4-Dioxane	1500		"	1050		139	10-228		8.91	30	
2-Butanone	53		"	50.0		107	58-147		6.76	30	
Acetone	38		"	50.0		76.7	36-155		6.80	30	
Benzene	55		"	50.0		110	77-127		7.44	30	
Carbon tetrachloride	54		"	50.0		109	66-143		7.11	30	
Chlorobenzene	56		"	50.0		113	86-120		8.42	30	
Chloroform	54		"	50.0		108	76-131		7.90	30	
cis-1,2-Dichloroethylene	51		"	50.0		103	74-132		7.04	30	
Ethyl Benzene	53		"	50.0		106	84-125		7.43	30	
Methyl tert-butyl ether (MTBE)	51		"	50.0		102	74-131		7.90	30	
Methylene chloride	50		"	50.0		100	57-141		7.17	30	
Naphthalene	53		"	50.0		107	86-141		9.19	30	
n-Butylbenzene	51		"	50.0		102	80-130		7.41	30	
n-Propylbenzene	51		"	50.0		103	74-136		7.50	30	
o-Xylene	54		"	50.0		108	83-123		8.35	30	
p- & m- Xylenes	110		"	100		109	82-128		8.04	30	
sec-Butylbenzene	52		"	50.0		105	83-125		7.62	30	
tert-Butylbenzene	52		"	50.0		105	80-127		7.59	30	
Tetrachloroethylene	42		"	50.0		84.7	80-129		8.39	30	
Toluene	52		"	50.0		105	85-121		8.01	30	
trans-1,2-Dichloroethylene	52		"	50.0		104	72-132		7.39	30	
Trichloroethylene	51		"	50.0		102	84-123		6.83	30	
Vinyl Chloride	46		"	50.0		92.6	52-130		6.81	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.4*		*"*	*50.0*		*98.8*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.6*		*"*	*50.0*		*97.3*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*46.2*		*"*	*50.0*		*92.5*	*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 BL21120 - EPA 3550C											
Blank (BL21120-BLK1)											
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	*1320*		"	*1670*		*79.4*	*20-108*				
Surrogate: SURR: Phenol-d5	*1260*		"	*1670*		*75.6*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*709*		"	*833*		*85.1*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*639*		"	*833*		*76.7*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1460*		"	*1670*		*87.3*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*761*		"	*833*		*91.3*	*24-116*				

Prepared: 12/20/2022 Analyzed: 12/21/2022

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 BL21120 - EPA 3550C											
LCS (BL21120-BS1)											
2-Methylphenol	748	41.7	ug/kg wet	833		89.8	10-146				
3- & 4-Methylphenols	615	41.7	"	833		73.8	20-109				
Acenaphthene	696	41.7	"	833		83.5	17-124				
Acenaphthylene	660	41.7	"	833		79.2	16-124				
Anthracene	747	41.7	"	833		89.7	24-124				
Benzo(a)anthracene	703	41.7	"	833		84.4	25-134				
Benzo(a)pyrene	673	41.7	"	833		80.7	29-144				
Benzo(b)fluoranthene	686	41.7	"	833		82.3	20-151				
Benzo(g,h,i)perylene	683	41.7	"	833		82.0	10-153				
Benzo(k)fluoranthene	704	41.7	"	833		84.5	10-148				
Chrysene	678	41.7	"	833		81.4	24-116				
Dibenzo(a,h)anthracene	676	41.7	"	833		81.2	17-147				
Dibenzofuran	704	41.7	"	833		84.5	23-123				
Fluoranthene	684	41.7	"	833		82.0	36-125				
Fluorene	712	41.7	"	833		85.4	16-130				
Hexachlorobenzene	679	41.7	"	833		81.5	10-129				
Indeno(1,2,3-cd)pyrene	814	41.7	"	833		97.7	10-155				
Naphthalene	690	41.7	"	833		82.8	20-121				
Pentachlorophenol	687	41.7	"	833		82.4	10-143				
Phenanthrene	698	41.7	"	833		83.8	24-123				
Phenol	753	41.7	"	833		90.4	15-123				
Pyrene	712	41.7	"	833		85.5	24-132				
Surrogate: SURR: 2-Fluorophenol	*1290*		"	*1670*		*77.5*	*20-108*				
Surrogate: SURR: Phenol-d5	*1260*		"	*1670*		*75.4*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*608*		"	*833*		*72.9*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*602*		"	*833*		*72.2*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1360*		"	*1670*		*81.3*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*679*		"	*833*		*81.5*	*24-116*				

Prepared: 12/20/2022 Analyzed: 12/21/2022

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 BL21120 - EPA 3550C											
Matrix Spike (BL21120-MS1)	*Source sample: 22L0826-03 (Matrix Spike)							Prepared: 12/20/2022 Analyzed: 12/21/2022			
2-Methylphenol	666	95.9	ug/kg dry	958	ND	69.5	10-160				
3- & 4-Methylphenols	586	95.9	"	958	ND	61.1	16-115				
Acenaphthene	892	95.9	"	958	180	74.3	13-133				
Acenaphthylene	768	95.9	"	958	109	68.8	25-125				
Anthracene	1070	95.9	"	958	202	90.1	27-128				
Benzo(a)anthracene	1150	95.9	"	958	341	84.0	20-147				
Benzo(a)pyrene	1070	95.9	"	958	332	77.5	18-153				
Benzo(b)fluoranthene	1080	95.9	"	958	273	84.7	10-163				
Benzo(g,h,i)perylene	888	95.9	"	958	202	71.5	10-157				
Benzo(k)fluoranthene	1060	95.9	"	958	258	83.7	10-157				
Chrysene	1110	95.9	"	958	340	80.1	18-133				
Dibenzo(a,h)anthracene	829	95.9	"	958	76.4	78.6	10-146				
Dibenzofuran	838	95.9	"	958	119	75.0	26-134				
Fluoranthene	1210	95.9	"	958	514	72.8	10-155				
Fluorene	1010	95.9	"	958	284	75.4	12-150				
Hexachlorobenzene	755	95.9	"	958	ND	78.8	16-142				
Indeno(1,2,3-cd)pyrene	1070	95.9	"	958	202	91.0	10-155				
Naphthalene	846	95.9	"	958	115	76.3	15-132				
Pentachlorophenol	339	95.9	"	958	ND	35.4	10-160				
Phenanthrene	1430	95.9	"	958	635	82.5	10-151				
Phenol	679	95.9	"	958	ND	70.9	11-124				
Pyrene	1360	95.9	"	958	619	77.7	13-148				
Surrogate: SURR: 2-Fluorophenol	*1140*		*"*	*1920*		*59.5*	*20-108*				
Surrogate: SURR: Phenol-d5	*1150*		*"*	*1920*		*59.8*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*664*		*"*	*958*		*69.3*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*640*		*"*	*958*		*66.8*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1650*		*"*	*1920*		*86.4*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*843*		*"*	*958*		*88.0*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL21120 - EPA 3550C											
Matrix Spike Dup (BL21120-MSD1)	*Source sample: 22L0826-03 (Matrix Spike Dup)								Prepared: 12/20/2022 Analyzed: 12/21/2022		
2-Methylphenol	683	95.6	ug/kg dry	955	ND	71.5	10-160		2.51	30	
3- & 4-Methylphenols	592	95.6	"	955	ND	62.0	16-115		1.10	30	
Acenaphthene	943	95.6	"	955	180	79.8	13-133		5.51	30	
Acenaphthylene	783	95.6	"	955	109	70.6	25-125		1.94	30	
Anthracene	1050	95.6	"	955	202	88.6	27-128		1.63	30	
Benzo(a)anthracene	1180	95.6	"	955	341	87.5	20-147		2.64	30	
Benzo(a)pyrene	1090	95.6	"	955	332	79.1	18-153		1.23	30	
Benzo(b)fluoranthene	1090	95.6	"	955	273	85.5	10-163		0.516	30	
Benzo(g,h,i)perylene	914	95.6	"	955	202	74.5	10-157		2.90	30	
Benzo(k)fluoranthene	1100	95.6	"	955	258	88.0	10-157		3.57	30	
Chrysene	1130	95.6	"	955	340	82.6	18-133		1.86	30	
Dibenzo(a,h)anthracene	817	95.6	"	955	76.4	77.5	10-146		1.54	30	
Dibenzofuran	886	95.6	"	955	119	80.2	26-134		5.53	30	
Fluoranthene	1340	95.6	"	955	514	87.0	10-155		10.4	30	
Fluorene	1060	95.6	"	955	284	81.4	12-150		5.30	30	
Hexachlorobenzene	822	95.6	"	955	ND	86.1	16-142		8.50	30	
Indeno(1,2,3-cd)pyrene	1110	95.6	"	955	202	94.6	10-155		2.83	30	
Naphthalene	901	95.6	"	955	115	82.2	15-132		6.24	30	
Pentachlorophenol	272	95.6	"	955	ND	28.5	10-160		21.9	30	
Phenanthrene	1580	95.6	"	955	635	99.2	10-151		10.5	30	
Phenol	702	95.6	"	955	ND	73.5	11-124		3.33	30	
Pyrene	1440	95.6	"	955	619	86.2	13-148		5.62	30	
Surrogate: SURR: 2-Fluorophenol	*1170*		*"*	*1910*		*61.0*	*20-108*				
Surrogate: SURR: Phenol-d5	*1160*		*"*	*1910*		*60.8*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*701*		*"*	*955*		*73.4*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*667*		*"*	*955*		*69.8*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1580*		*"*	*1910*		*82.8*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*811*		*"*	*955*		*85.0*	*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 BL21133 - EPA 3550C											
Blank (BL21133-BLK1)											Prepared: 12/20/2022 Analyzed: 12/21/2022
4,4'-DDD	ND	1.64	ug/kg wet								
4,4'-DDE	ND	1.64	"								
4,4'-DDT	ND	1.64	"								
Aldrin	ND	1.64	"								
alpha-BHC	ND	1.64	"								
alpha-Chlordane	ND	1.64	"								
beta-BHC	ND	1.64	"								
delta-BHC	ND	1.64	"								
Dieldrin	ND	1.64	"								
Endosulfan I	ND	1.64	"								
Endosulfan II	ND	1.64	"								
Endosulfan sulfate	ND	1.64	"								
Endrin	ND	1.64	"								
gamma-BHC (Lindane)	ND	1.64	"								
Heptachlor	ND	1.64	"								
Surrogate: Decachlorobiphenyl	*55.6*		*"*	*66.4*		*83.7*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*61.8*		*"*	*66.4*		*93.0*	*30-150*				
LCS (BL21133-BS1)											Prepared: 12/20/2022 Analyzed: 12/21/2022
4,4'-DDD	27.5	1.64	ug/kg wet	33.2		82.9	40-140				
4,4'-DDE	27.1	1.64	"	33.2		81.5	40-140				
4,4'-DDT	24.0	1.64	"	33.2		72.3	40-140				
Aldrin	27.3	1.64	"	33.2		82.2	40-140				
alpha-BHC	27.5	1.64	"	33.2		82.9	40-140				
alpha-Chlordane	26.3	1.64	"	33.2		79.2	40-140				
beta-BHC	29.6	1.64	"	33.2		89.1	40-140				
delta-BHC	27.0	1.64	"	33.2		81.1	40-140				
Dieldrin	28.5	1.64	"	33.2		85.8	40-140				
Endosulfan I	28.5	1.64	"	33.2		85.7	40-140				
Endosulfan II	28.2	1.64	"	33.2		84.8	40-140				
Endosulfan sulfate	28.4	1.64	"	33.2		85.6	40-140				
Endrin	26.8	1.64	"	33.2		80.7	40-140				
gamma-BHC (Lindane)	27.2	1.64	"	33.2		82.0	40-140				
Heptachlor	26.9	1.64	"	33.2		81.0	40-140				
Surrogate: Decachlorobiphenyl	*54.8*		*"*	*66.4*		*82.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*56.6*		*"*	*66.4*		*85.2*	*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 BL21133 - EPA 3550C											
Blank (BL21133-BLK2)								Prepared: 12/20/2022 Analyzed: 12/22/2022			
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0518*		"	*0.0664*		*78.0*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0495*		"	*0.0664*		*74.5*	*30-140*				
LCS (BL21133-BS2)								Prepared: 12/20/2022 Analyzed: 12/22/2022			
Aroclor 1016	0.292	0.0166	mg/kg wet	0.332		87.8	40-130				
Aroclor 1260	0.305	0.0166	"	0.332		91.9	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0512*		"	*0.0664*		*77.0*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0512*		"	*0.0664*		*77.0*	*30-140*				
Matrix Spike (BL21133-MS2)	*Source sample: 22L0802-01 (Matrix Spike)							Prepared: 12/20/2022 Analyzed: 12/22/2022			
Aroclor 1016	0.344	0.0185	mg/kg dry	0.371	ND	92.8	40-140				
Aroclor 1260	0.352	0.0185	"	0.371	ND	95.1	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0601*		"	*0.0741*		*81.0*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0530*		"	*0.0741*		*71.5*	*30-140*				
Matrix Spike Dup (BL21133-MSD2)	*Source sample: 22L0802-01 (Matrix Spike Dup)							Prepared: 12/20/2022 Analyzed: 12/22/2022			
Aroclor 1016	0.322	0.0185	mg/kg dry	0.371	ND	86.9	40-140		6.61	50	
Aroclor 1260	0.334	0.0185	"	0.371	ND	90.0	40-140		5.45	50	
Surrogate: Tetrachloro-m-xylene	*0.0575*		"	*0.0741*		*77.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0523*		"	*0.0741*		*70.5*	*30-140*				

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 BL21172 - EPA 3050B											
Blank (BL21172-BLK1)										Prepared: 12/20/2022 Analyzed: 12/21/2022	
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 (BL21172-DUP1)	*Source sample: 22L0830-07 (Duplicate)									Prepared: 12/20/2022 Analyzed: 12/21/2022	
Arsenic	4.23	1.43	mg/kg dry		3.97				6.33	35	
Barium	47.2	2.38	"		47.4				0.435	35	
Beryllium	0.510	0.048	"		0.643				23.1	35	
Cadmium	ND	0.286	"		0.309					35	
Chromium	17.0	0.477	"		19.0				11.3	35	
Copper	30.9	1.91	"		37.1				18.1	35	
Lead	21.4	0.477	"		22.5				4.80	35	
Manganese	296	0.477	"		305				3.18	35	
Nickel	15.6	0.950	"		17.6				12.3	35	
Selenium	ND	2.38	"		ND					35	
Silver	ND	0.481	"		ND					35	
Zinc	44.4	2.37	"		47.0				5.80	35	
Matrix Spike (BL21172-MS1)	*Source sample: 22L0830-07 (Matrix Spike)									Prepared: 12/20/2022 Analyzed: 12/21/2022	
Arsenic	169	1.43	mg/kg dry	191	3.97	86.3	75-125				
Barium	241	2.38	"	191	47.4	101	75-125				
Beryllium	5.09	0.048	"	4.77	0.643	93.3	75-125				
Cadmium	4.40	0.286	"	4.77	0.309	85.8	75-125				
Chromium	36.0	0.477	"	19.1	19.0	89.0	75-125				
Copper	54.7	1.91	"	23.8	37.1	74.2	75-125	Low Bias			
Lead	63.1	0.477	"	47.7	22.5	85.1	75-125				
Manganese	342	0.477	"	47.7	305	77.4	75-125				
Nickel	63.8	0.950	"	47.7	17.6	96.8	75-125				
Selenium	118	2.38	"	191	ND	62.0	75-125	Low Bias			
Silver	0.942	0.481	"	4.77	ND	19.8	75-125	Low Bias			
Zinc	89.2	2.37	"	47.7	47.0	88.4	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL21172 - EPA 3050B											
Post Spike (BL21172-PS1)	*Source sample: 22L0830-07 (Post Spike)								Prepared: 12/20/2022 Analyzed: 12/21/2022		
Arsenic	2.14		ug/mL	2.00	0.042	105	75-125				
Barium	2.80		"	2.00	0.497	115	75-125				
Beryllium	0.061		"	0.0500	0.007	109	75-125				
Cadmium	0.055		"	0.0500	0.003	103	75-125				
Chromium	0.416		"	0.200	0.199	108	75-125				
Copper	0.674		"	0.250	0.388	114	75-125				
Lead	0.772		"	0.500	0.236	107	75-125				
Manganese	3.76		"	0.500	3.20	112	75-125				
Nickel	0.769		"	0.500	0.185	117	75-125				
Selenium	1.57		"	2.00	-0.240	78.7	75-125				
Silver	0.004		"	0.0500	-0.035	8.29	75-125	Low Bias			
Zinc	1.03		"	0.500	0.493	108	75-125				
Reference (BL21172-SRM1)									Prepared: 12/20/2022 Analyzed: 12/21/2022		
Arsenic	89.7	1.25	mg/kg wet	87.4		103	70-130.4				
Barium	390	2.08	"	347		112	75.2-130.3				
Beryllium	109	0.042	"	103		106	74.8-132				
Cadmium	161	0.250	"	160		101	75-145.6				
Chromium	245	0.417	"	231		106	70.1-134.2				
Copper	165	1.67	"	144		115	75-126.4				
Lead	269	0.417	"	266		101	74.1-125.9				
Manganese	603	0.417	"	555		109	77.3-132.8				
Nickel	405	0.830	"	350		116	70-144				
Selenium	92.4	2.08	"	130		71.1	66.9-133.8				
Silver	59.7	0.420	"	57.1		105	70.2-129.8				
Zinc	167	2.08	"	160		104	70-130				

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 BL21311 - EPA 7473 soil											
Blank (BL21311-BLK1)								Prepared & Analyzed: 12/22/2022			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BL21311-DUP1)	*Source sample: 22L0826-03 (Duplicate)							Prepared & Analyzed: 12/22/2022			
Mercury	0.181	0.0348	mg/kg dry		0.0931				64.2	35	Non-dir.
Matrix Spike (BL21311-MS1)	*Source sample: 22L0826-03 (Matrix Spike)							Prepared & Analyzed: 12/22/2022			
Mercury	0.569		mg/kg	0.500	0.0802	97.7	75-125				
Reference (BL21311-SRM1)								Prepared & Analyzed: 12/22/2022			
Mercury	21.400		mg/kg	27.2		78.7	59.9-140.1				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL21099 - EPA SW846-3060											
Blank (BL21099-BLK1)								Prepared & Analyzed: 12/20/2022			
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Duplicate (BL21099-DUP1)	*Source sample: 22L1054-11 (SP5-1)							Prepared & Analyzed: 12/20/2022			
Chromium, Hexavalent	ND	0.535	mg/kg dry		0.428					35	
Matrix Spike (BL21099-MS1)	*Source sample: 22L1054-11 (SP5-1)							Prepared & Analyzed: 12/20/2022			
Chromium, Hexavalent	11.8	0.535	mg/kg dry	21.4	0.428	53.0	75-125	Low Bias			
Reference (BL21099-SRM1)								Prepared & Analyzed: 12/20/2022			
Chromium, Hexavalent	228		mg/L	227		100	42.3-157.7				
Batch BL21168 - Analysis Preparation Soil											
Blank (BL21168-BLK1)								Prepared & Analyzed: 12/20/2022			
Cyanide, total	ND	0.500	mg/kg wet								
Duplicate (BL21168-DUP1)	*Source sample: 22L0949-17 (Duplicate)							Prepared & Analyzed: 12/20/2022			
Cyanide, total	ND	0.538	mg/kg dry		ND					15	
Matrix Spike (BL21168-MS1)	*Source sample: 22L0949-17 (Matrix Spike)							Prepared & Analyzed: 12/20/2022			
Cyanide, total	14.9	0.538	mg/kg dry	10.8	ND	138	79.6-107	High Bias			
Reference (BL21168-SRM1)								Prepared & Analyzed: 12/20/2022			
Cyanide, total	141		ug/mL	131		107	44.4-156.5				

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 BL21287 - % Solids Prep											
Duplicate (BL21287-DUP1)	*Source sample: 22L1054-14 (SP5-4)							Prepared & Analyzed: 12/22/2022			
% Solids	92.7	0.100	%		92.6				0.110	20	
Batch BL21290 - % Solids Prep											
Duplicate (BL21290-DUP1)	*Source sample: 22L0879-01 (Duplicate)							Prepared & Analyzed: 12/22/2022			
% Solids	96.2	0.100	%		96.4				0.206	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
22L1054-01	CS-1	40mL Vial with Stir Bar-Cool 4° C
22L1054-02	CS-2	40mL Vial with Stir Bar-Cool 4° C
22L1054-03	CS-3	40mL Vial with Stir Bar-Cool 4° C
22L1054-04	CS-4	40mL Vial with Stir Bar-Cool 4° C
22L1054-05	CS-5	40mL Vial with Stir Bar-Cool 4° C
22L1054-06	CS-6	40mL Vial with Stir Bar-Cool 4° C
22L1054-07	CS-7	40mL Vial with Stir Bar-Cool 4° C
22L1054-08	CS-8	40mL Vial with Stir Bar-Cool 4° C
22L1054-09	CS-9	40mL Vial with Stir Bar-Cool 4° C
22L1054-10	CS-10	40mL Vial with Stir Bar-Cool 4° C
22L1054-15	CS-11	40mL Vial with Stir Bar-Cool 4° C

Sample and Data Qualifiers Relating to This Work Order

VSAMP	The sample vials provided were consumed during analysis and no remaining sample was available for reanalysis.
S-08	The recovery of this surrogate was outside of QC limits.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
M-SPKM	The spike recovery is not within acceptance windows due to sample non-homogeneity, or matrix interference.
M-PS	This Element exhibted recovery outside control limits for the Post Spike.
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).

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.

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615
132-02 89th Ave, Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record

NOTE: 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. 22L1054

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Laurel Environmental Geosciences	Company: Scott	Company: Matty	~~22~~ 14-401	RUSH - Next Day
Address: 53 W. Hills Rd, Huntington Station NY, 11746	Address:	Address:	YOUR Project Name: 27-09 40th Avenue, Long Island City	RUSH - Two Day
Phone.: 631-673-0612	Phone.:	Phone.:		RUSH - Three Day
Contact: Scott Yanuck	Contact:	Contact:		RUSH - Four Day
E-mail: labresults@laurelenv.com	E-mail:	E-mail:	YOUR PO#:	Standard (5-7 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.

Josh Yanuck

Samples Collected by: (print your name above and sign below)

Matrix Codes
S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil ⋮ Other

Samples From
New York X
New Jersey
Connecticut
Pennsylvania
Other

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

YORK Reg. Comp.
Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
CS-1	S	12/19/22 10:40	~~DISCrete VOC~~ Part 375 VOC,	Terracore Set
CS-2		10:45		
CS-3		10:55		
CS-4		11:00		
CS-5		11:05		
CS-6		11:05		
CS-7		11:10		
CS-8		11:10		
CS-9		11:15		
CS-10		11:20		

Comments: Results by 12/22

Preservation: (check all that apply)
HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___
Ascorbic Acid ___ Other: _____

Special Instruction
Field Filtered ____
Lab to Filter ____

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
	12/19/22 2:30PM	KBuchholz	12/19/22 2:30PM	KBuchholz	12/19/22 1715
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 / Temp. Received at Lab
				KBuchholz	12/19/22 1715 / 3.8 Degrees C

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615
132-02 89th Ave, Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record

NOTE: 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. 22L1054

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Laurel environmental	Company: Scott	Company: Rothy	19-401	RUSH - Next Day
Address:	Address:	Address:	**YOUR Project Name**	RUSH - Two Day
Phone.:	Phone.:	Phone.:	27-09 40th Avenue, Long Island City	RUSH - Three Day
Contact:	Contact:	Contact:		RUSH - Four Day
E-mail:	E-mail:	E-mail:	**YOUR PO#:**	**Standard (5-7 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.

Josh Yanuck

Samples Collected by: (print your name above and sign below)

Matrix Codes

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

Samples From

New York X
New Jersey
Connecticut
Pennsylvania
Other

Report / EDD Type (circle selections)

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

YORK Reg. Comp.

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

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
SP5-1	S	12/14/22 11:50	Part 375 SVOCs, metals, PCBs, and Pesticides and CNOT	1 4oz and 1 8oz
SP5-2	↓	11:55	↓	↓
SP5-3		11:55		
SP5-4		12:00		
CS-11		11:25	Part 375 VOCs	Terracore Set

Comments: Results by 12/22

Preservation: (check all that apply)
HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___
Ascorbic Acid ___ Other: _____

Special Instruction
Field Filtered ____
Lab to Filter ____

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
	12/19/22 2:30PM	KBuckyork	12/19/22 2:20PM	KBuckyork	12/19/22 1715
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 / Temp. Received at Lab
				KBlockyork	12/19/22 1715 / 3.8 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: 01/12/2023
Client Project ID: 27-09 40th Avenue LIC 19-401
York Project (SDG) No.: 23A0226

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

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: 01/12/2023
Client Project ID: 27-09 40th Avenue LIC 19-401
York Project (SDG) No.: 23A0226

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 January 05, 2023 and listed below. The project was identified as your project: **27-09 40th Avenue LIC 19-401**.

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
23A0226-01	Grid 2 CS-1	Soil	01/04/2023	01/05/2023
23A0226-02	Grid 2 CS-2	Soil	01/04/2023	01/05/2023
23A0226-03	Grid 2 CS-3	Soil	01/04/2023	01/05/2023
23A0226-04	Grid 2 CS-4	Soil	01/04/2023	01/05/2023
23A0226-05	Grid 2 CS-5	Soil	01/04/2023	01/05/2023
23A0226-06	Grid 2 CS-6	Soil	01/04/2023	01/05/2023
23A0226-07	Grid 2 CS-1	Soil	01/04/2023	01/05/2023
23A0226-08	Grid 2 CS-2	Soil	01/04/2023	01/05/2023

General Notes for York Project (SDG) No.: 23A0226

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

Approved By:  **Date:** 01/12/2023

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: **Grid 2 CS-1** **York Sample ID:** **23A0226-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0226	27-09 40th Avenue LIC 19-401	Soil	January 4, 2023 11:35 am	01/05/2023

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 12:39	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 12:39	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 12:39	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 12:39	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 12:39	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 12:39	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 12:39	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 12:39	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 12:39	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		ug/kg dry	60	120	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 12:39	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 12:39	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	**Acetone**	**83**	ICVE	ug/kg dry	6.0	12	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 12:39	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
71-43-2	Benzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 12:39	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 12:39	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 12:39	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 12:39	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 12:39	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 12:39	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 12:39	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-09-2	Methylene chloride	ND	CCVE	ug/kg dry	6.0	12	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 12:39	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
91-20-3	Naphthalene	ND		ug/kg dry	3.0	12	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 12:39	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 12:39	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: Grid 2 CS-1 **York Sample ID:** 23A0226-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0226	27-09 40th Avenue LIC 19-401	Soil	January 4, 2023 11:35 am	01/05/2023

Volatile Organics, NYSDEC Part 375 List

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
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	01/06/2023 09:00	01/06/2023 12:39	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-47-6	o-Xylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	01/06/2023 09:00	01/06/2023 12:39	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.0	12	1	EPA 8260C	01/06/2023 09:00	01/06/2023 12:39	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	01/06/2023 09:00	01/06/2023 12:39	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	01/06/2023 09:00	01/06/2023 12:39	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
127-18-4	**Tetrachloroethylene**	**20**		ug/kg dry	3.0	6.0	1	EPA 8260C	01/06/2023 09:00	01/06/2023 12:39	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
108-88-3	Toluene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	01/06/2023 09:00	01/06/2023 12:39	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	01/06/2023 09:00	01/06/2023 12:39	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-01-6	Trichloroethylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	01/06/2023 09:00	01/06/2023 12:39	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	01/06/2023 09:00	01/06/2023 12:39	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		ug/kg dry	9.0	18	1	EPA 8260C	01/06/2023 09:00	01/06/2023 12:39	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*92.9 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.7 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.3**		%	0.100	1	SM 2540G	01/05/2023 21:18	01/05/2023 23:24	AGNR
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: Grid 2 CS-2 **York Sample ID:** 23A0226-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0226	27-09 40th Avenue LIC 19-401	Soil	January 4, 2023 11:40 am	01/05/2023

Sample Information

Client Sample ID: Grid 2 CS-2 **York Sample ID:** 23A0226-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0226	27-09 40th Avenue LIC 19-401	Soil	January 4, 2023 11:40 am	01/05/2023

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 13:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 13:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 13:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 13:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 13:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 13:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 13:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 13:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 13:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
123-91-1	1,4-Dioxane	ND		ug/kg dry	66	130	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 13:06 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
78-93-3	2-Butanone	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 13:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
67-64-1	Acetone	ND		ug/kg dry	6.6	13	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 13:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
71-43-2	Benzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 13:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 13:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-90-7	Chlorobenzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 13:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
67-66-3	Chloroform	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 13:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 13:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 13:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 13:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-09-2	Methylene chloride	ND	CCVE	ug/kg dry	6.6	13	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 13:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
91-20-3	Naphthalene	ND		ug/kg dry	3.3	13	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 13:06 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 13:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 13:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR

Sample Information

Client Sample ID: Grid 2 CS-2 **York Sample ID:** 23A0226-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0226	27-09 40th Avenue LIC 19-401	Soil	January 4, 2023 11:40 am	01/05/2023

Volatile Organics, NYSDEC Part 375 List

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		ug/kg dry	3.3	6.6	1	EPA 8260C	01/06/2023 09:00	01/06/2023 13:06	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.6	13	1	EPA 8260C	01/06/2023 09:00	01/06/2023 13:06	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C	01/06/2023 09:00	01/06/2023 13:06	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C	01/06/2023 09:00	01/06/2023 13:06	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
127-18-4	**Tetrachloroethylene**	**33**		ug/kg dry	3.3	6.6	1	EPA 8260C	01/06/2023 09:00	01/06/2023 13:06	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
108-88-3	Toluene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C	01/06/2023 09:00	01/06/2023 13:06	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C	01/06/2023 09:00	01/06/2023 13:06	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-01-6	Trichloroethylene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C	01/06/2023 09:00	01/06/2023 13:06	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.3	6.6	1	EPA 8260C	01/06/2023 09:00	01/06/2023 13:06	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		ug/kg dry	10	20	1	EPA 8260C	01/06/2023 09:00	01/06/2023 13:06	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*93.5 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.2 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.1**		%	0.100	1	SM 2540G	01/05/2023 21:18	01/05/2023 23:24	AGNR
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: Grid 2 CS-3 **York Sample ID:** 23A0226-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0226	27-09 40th Avenue LIC 19-401	Soil	January 4, 2023 11:45 am	01/05/2023

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: Grid 2 CS-3 **York Sample ID:** 23A0226-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0226	27-09 40th Avenue LIC 19-401	Soil	January 4, 2023 11:45 am	01/05/2023

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.3	6.7	1	EPA 8260C	01/06/2023 09:00	01/06/2023 13:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.3	6.7	1	EPA 8260C	01/06/2023 09:00	01/06/2023 13:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C	01/06/2023 09:00	01/06/2023 13:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C	01/06/2023 09:00	01/06/2023 13:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C	01/06/2023 09:00	01/06/2023 13:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.3	6.7	1	EPA 8260C	01/06/2023 09:00	01/06/2023 13:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C	01/06/2023 09:00	01/06/2023 13:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C	01/06/2023 09:00	01/06/2023 13:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C	01/06/2023 09:00	01/06/2023 13:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
123-91-1	1,4-Dioxane	ND		ug/kg dry	67	130	1	EPA 8260C	01/06/2023 09:00	01/06/2023 13:33	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/kg dry	3.3	6.7	1	EPA 8260C	01/06/2023 09:00	01/06/2023 13:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-64-1	**Acetone**	**69**	ICVE	ug/kg dry	6.7	13	1	EPA 8260C	01/06/2023 09:00	01/06/2023 13:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
71-43-2	Benzene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C	01/06/2023 09:00	01/06/2023 13:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.3	6.7	1	EPA 8260C	01/06/2023 09:00	01/06/2023 13:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-90-7	Chlorobenzene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C	01/06/2023 09:00	01/06/2023 13:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-66-3	**Chloroform**	**4.9**	J	ug/kg dry	3.3	6.7	1	EPA 8260C	01/06/2023 09:00	01/06/2023 13:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C	01/06/2023 09:00	01/06/2023 13:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C	01/06/2023 09:00	01/06/2023 13:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.3	6.7	1	EPA 8260C	01/06/2023 09:00	01/06/2023 13:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-09-2	Methylene chloride	ND	CCVE	ug/kg dry	6.7	13	1	EPA 8260C	01/06/2023 09:00	01/06/2023 13:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
91-20-3	Naphthalene	ND		ug/kg dry	3.3	13	1	EPA 8260C	01/06/2023 09:00	01/06/2023 13:33	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C	01/06/2023 09:00	01/06/2023 13:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C	01/06/2023 09:00	01/06/2023 13:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-47-6	o-Xylene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C	01/06/2023 09:00	01/06/2023 13:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		

Sample Information

Client Sample ID: Grid 2 CS-3 **York Sample ID:** 23A0226-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0226	27-09 40th Avenue LIC 19-401	Soil	January 4, 2023 11:45 am	01/05/2023

Volatile Organics, NYSDEC Part 375 List

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
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.7	13	1	EPA 8260C	01/06/2023 09:00	01/06/2023 13:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C	01/06/2023 09:00	01/06/2023 13:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C	01/06/2023 09:00	01/06/2023 13:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
127-18-4	**Tetrachloroethylene**	**4.0**	J	ug/kg dry	3.3	6.7	1	EPA 8260C	01/06/2023 09:00	01/06/2023 13:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
108-88-3	Toluene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C	01/06/2023 09:00	01/06/2023 13:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C	01/06/2023 09:00	01/06/2023 13:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-01-6	Trichloroethylene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C	01/06/2023 09:00	01/06/2023 13:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.3	6.7	1	EPA 8260C	01/06/2023 09:00	01/06/2023 13:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		ug/kg dry	10	20	1	EPA 8260C	01/06/2023 09:00	01/06/2023 13:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*93.5 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.1 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.6**		%	0.100	1	SM 2540G	01/05/2023 21:18	01/05/2023 23:24	AGNR
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: Grid 2 CS-4 **York Sample ID:** 23A0226-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0226	27-09 40th Avenue LIC 19-401	Soil	January 4, 2023 11:50 am	01/05/2023

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: Grid 2 CS-4 **York Sample ID:** 23A0226-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0226	27-09 40th Avenue LIC 19-401	Soil	January 4, 2023 11:50 am	01/05/2023

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
123-91-1	1,4-Dioxane	ND		ug/kg dry	63	130	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 14:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
78-93-3	2-Butanone	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
67-64-1	**Acetone**	**14**	ICVE	ug/kg dry	6.3	13	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	FTR
71-43-2	Benzene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-90-7	Chlorobenzene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
67-66-3	Chloroform	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-09-2	Methylene chloride	ND	CCVE	ug/kg dry	6.3	13	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
91-20-3	Naphthalene	ND		ug/kg dry	3.1	13	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 14:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
95-47-6	o-Xylene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	FTR

Sample Information

Client Sample ID: Grid 2 CS-4 **York Sample ID:** 23A0226-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0226	27-09 40th Avenue LIC 19-401	Soil	January 4, 2023 11:50 am	01/05/2023

Volatile Organics, NYSDEC Part 375 List

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
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.3	13	1	EPA 8260C	01/06/2023 09:00	01/06/2023 14:00	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C	01/06/2023 09:00	01/06/2023 14:00	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C	01/06/2023 09:00	01/06/2023 14:00	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
127-18-4	**Tetrachloroethylene**	**13**		ug/kg dry	3.1	6.3	1	EPA 8260C	01/06/2023 09:00	01/06/2023 14:00	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
108-88-3	Toluene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C	01/06/2023 09:00	01/06/2023 14:00	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C	01/06/2023 09:00	01/06/2023 14:00	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-01-6	Trichloroethylene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C	01/06/2023 09:00	01/06/2023 14:00	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.1	6.3	1	EPA 8260C	01/06/2023 09:00	01/06/2023 14:00	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		ug/kg dry	9.4	19	1	EPA 8260C	01/06/2023 09:00	01/06/2023 14:00	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*91.7 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.3 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**84.0**		%	0.100	1	SM 2540G	01/05/2023 21:18	01/05/2023 23:24	AGNR
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: Grid 2 CS-5 **York Sample ID:** 23A0226-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0226	27-09 40th Avenue LIC 19-401	Soil	January 4, 2023 11:55 am	01/05/2023

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: Grid 2 CS-5 **York Sample ID:** 23A0226-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0226	27-09 40th Avenue LIC 19-401	Soil	January 4, 2023 11:55 am	01/05/2023

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 14:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 14:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 14:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 14:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 14:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 14:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 14:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 14:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 14:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
123-91-1	1,4-Dioxane	ND		ug/kg dry	59	120	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 14:27 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
78-93-3	2-Butanone	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 14:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
67-64-1	**Acetone**	**66**	ICVE	ug/kg dry	5.9	12	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 14:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	FTR
71-43-2	Benzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 14:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 14:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-90-7	Chlorobenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 14:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
67-66-3	Chloroform	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 14:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 14:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 14:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 14:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-09-2	Methylene chloride	ND	CCVE	ug/kg dry	5.9	12	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 14:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
91-20-3	Naphthalene	ND		ug/kg dry	2.9	12	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 14:27 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 14:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 14:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
95-47-6	o-Xylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 14:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	FTR

Sample Information

Client Sample ID: Grid 2 CS-5 **York Sample ID:** 23A0226-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0226	27-09 40th Avenue LIC 19-401	Soil	January 4, 2023 11:55 am	01/05/2023

Volatile Organics, NYSDEC Part 375 List

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
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.9	12	1	EPA 8260C	01/06/2023 09:00	01/06/2023 14:27	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	01/06/2023 09:00	01/06/2023 14:27	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	01/06/2023 09:00	01/06/2023 14:27	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
127-18-4	**Tetrachloroethylene**	**14**		ug/kg dry	2.9	5.9	1	EPA 8260C	01/06/2023 09:00	01/06/2023 14:27	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
108-88-3	Toluene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	01/06/2023 09:00	01/06/2023 14:27	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	01/06/2023 09:00	01/06/2023 14:27	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-01-6	Trichloroethylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	01/06/2023 09:00	01/06/2023 14:27	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	01/06/2023 09:00	01/06/2023 14:27	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.8	18	1	EPA 8260C	01/06/2023 09:00	01/06/2023 14:27	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*91.1 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.5**		%	0.100	1	SM 2540G	01/05/2023 21:18	01/05/2023 23:24	AGNR
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: Grid 2 CS-6 **York Sample ID:** 23A0226-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0226	27-09 40th Avenue LIC 19-401	Soil	January 4, 2023 12:00 pm	01/05/2023

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: Grid 2 CS-6 **York Sample ID:** 23A0226-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0226	27-09 40th Avenue LIC 19-401	Soil	January 4, 2023 12:00 pm	01/05/2023

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 14:55	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 14:55	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 14:55	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 14:55	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 14:55	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 14:55	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 14:55	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 14:55	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 14:55	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		ug/kg dry	54	110	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 14:55	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 14:55	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	**Acetone**	**200**	ICVE	ug/kg dry	5.4	11	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 14:55	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
71-43-2	Benzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 14:55	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 14:55	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 14:55	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 14:55	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 14:55	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 14:55	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 14:55	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-09-2	Methylene chloride	ND	CCVE	ug/kg dry	5.4	11	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 14:55	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
91-20-3	Naphthalene	ND		ug/kg dry	2.7	11	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 14:55	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 14:55	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 14:55	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-47-6	o-Xylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 14:55	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP

Sample Information

Client Sample ID: Grid 2 CS-6 **York Sample ID:** 23A0226-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0226	27-09 40th Avenue LIC 19-401	Soil	January 4, 2023 12:00 pm	01/05/2023

Volatile Organics, NYSDEC Part 375 List

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
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.4	11	1	EPA 8260C	01/06/2023 09:00	01/06/2023 14:55	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	01/06/2023 09:00	01/06/2023 14:55	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	01/06/2023 09:00	01/06/2023 14:55	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
127-18-4	**Tetrachloroethylene**	**23**		ug/kg dry	2.7	5.4	1	EPA 8260C	01/06/2023 09:00	01/06/2023 14:55	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
108-88-3	Toluene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	01/06/2023 09:00	01/06/2023 14:55	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	01/06/2023 09:00	01/06/2023 14:55	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-01-6	Trichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	01/06/2023 09:00	01/06/2023 14:55	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	01/06/2023 09:00	01/06/2023 14:55	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.0	16	1	EPA 8260C	01/06/2023 09:00	01/06/2023 14:55	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*91.4 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.4**		%	0.100	1	SM 2540G	01/05/2023 21:18	01/05/2023 23:24	AGNR
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: Grid 2 CS-1 **York Sample ID:** 23A0226-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0226	27-09 40th Avenue LIC 19-401	Soil	January 4, 2023 12:05 pm	01/05/2023

Semi-Volatiles, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: Grid 2 CS-1 **York Sample ID:** 23A0226-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0226	27-09 40th Avenue LIC 19-401	Soil	January 4, 2023 12:05 pm	01/05/2023

Sample Prepared by 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	45.3	90.3	2	EPA 8270D Certifications:	01/11/2023 08:37 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 15:44	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications:	01/11/2023 08:37 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 15:44	KH
83-32-9	Acenaphthene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications:	01/11/2023 08:37 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 15:44	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications:	01/11/2023 08:37 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 15:44	KH
120-12-7	Anthracene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications:	01/11/2023 08:37 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 15:44	KH
56-55-3	**Benzo(a)anthracene**	**48.4**	J	ug/kg dry	45.3	90.3	2	EPA 8270D Certifications:	01/11/2023 08:37 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 15:44	KH
50-32-8	**Benzo(a)pyrene**	**46.9**	J	ug/kg dry	45.3	90.3	2	EPA 8270D Certifications:	01/11/2023 08:37 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 15:44	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications:	01/11/2023 08:37 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 15:44	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications:	01/11/2023 08:37 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 15:44	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications:	01/11/2023 08:37 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 15:44	KH
218-01-9	Chrysene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications:	01/11/2023 08:37 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 15:44	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications:	01/11/2023 08:37 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 15:44	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications:	01/11/2023 08:37 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 15:44	KH
206-44-0	**Fluoranthene**	**85.2**	J	ug/kg dry	45.3	90.3	2	EPA 8270D Certifications:	01/11/2023 08:37 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 15:44	KH
86-73-7	Fluorene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications:	01/11/2023 08:37 NELAC-NY10854,NJDEP,PADEP	01/11/2023 15:44	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications:	01/11/2023 08:37 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 15:44	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications:	01/11/2023 08:37 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 15:44	KH
91-20-3	Naphthalene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications:	01/11/2023 08:37 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 15:44	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications:	01/11/2023 08:37 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 15:44	KH
85-01-8	Phenanthrene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications:	01/11/2023 08:37 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 15:44	KH
108-95-2	Phenol	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications:	01/11/2023 08:37 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 15:44	KH
129-00-0	**Pyrene**	**60.7**	J	ug/kg dry	45.3	90.3	2	EPA 8270D Certifications:	01/11/2023 08:37 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 15:44	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*64.6 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*62.1 %*	*23-114*

Sample Information

Client Sample ID: Grid 2 CS-1 **York Sample ID:** 23A0226-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0226	27-09 40th Avenue LIC 19-401	Soil	January 4, 2023 12:05 pm	01/05/2023

Semi-Volatiles, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by 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*	*74.2 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*61.4 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*106 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*72.0 %*			*24-116*						

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 14:18	ESJ
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 14:18	ESJ
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 14:18	ESJ
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 14:18	ESJ
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 14:18	ESJ
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 14:18	ESJ
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 14:18	ESJ
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 14:18	ESJ
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 14:18	ESJ
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 14:18	ESJ
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 14:18	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 14:18	ESJ
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 14:18	ESJ
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 14:18	ESJ
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.435	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 14:18	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 14:18	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 14:18	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 14:18	ESJ

Sample Information

Client Sample ID: Grid 2 CS-1 **York Sample ID:** 23A0226-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0226	27-09 40th Avenue LIC 19-401	Soil	January 4, 2023 12:05 pm	01/05/2023

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

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.870	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 14:18	ESJ
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.870	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 14:18	ESJ
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.870	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 14:18	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.435	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 14:18	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.435	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 14:18	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.435	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 14:18	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.435	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 14:18	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 14:18	ESJ
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.870	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 14:18	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.870	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 14:18	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.870	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 14:18	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.870	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 14:18	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	0.870	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 14:18	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 14:18	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 14:18	ESJ
356-02-2	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	1.09	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 14:18	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	5.44	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 14:18	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	5.44	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 14:18	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	2.18	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 14:18	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 14:18	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	2.18	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 14:18	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 14:18	ESJ

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: Grid 2 CS-1 **York Sample ID:** 23A0226-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0226	27-09 40th Avenue LIC 19-401	Soil	January 4, 2023 12:05 pm	01/05/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M3PFBS	*95.2 %*			*25-150*					
	Surrogate: M5PFHxA	*104 %*			*25-150*					
	Surrogate: M4PFHpA	*101 %*			*25-150*					
	Surrogate: M3PFHxS	*107 %*			*25-150*					
	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*94.2 %*			*25-150*					
	Surrogate: M6PFDA	*97.1 %*			*25-150*					
	Surrogate: M7PFUdA	*83.1 %*			*25-150*					
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*72.5 %*			*25-150*					
	Surrogate: M2PFTeDA	*57.6 %*			*10-150*					
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*106 %*			*25-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*99.2 %*			*25-150*					
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*109 %*			*25-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*97.0 %*			*10-150*					
	Surrogate: d3-N-MeFOSAA	*82.7 %*			*25-150*					
	Surrogate: d5-N-EtFOSAA	*84.9 %*			*25-150*					
	Surrogate: M2-6:2 FTS	*76.8 %*			*25-200*					
	Surrogate: M2-8:2 FTS	*74.0 %*			*25-200*					
	Surrogate: M9PFNA	*102 %*			*25-150*					
	Surrogate: M2-4:2 FTS	*77.3 %*			*25-150*					
	Surrogate: d-N-MeFOSA	*83.7 %*			*25-150*					
	Surrogate: d-N-EtFOSA	*75.0 %*			*25-150*					
	Surrogate: M3HFPO-DA	*93.4 %*			*25-150*					
	Surrogate: d9-N-EtFOSE	*55.2 %*			*25-150*					
	Surrogate: d7-N-MeFOSE	*70.2 %*			*25-150*					

Sample Information

Client Sample ID: Grid 2 CS-1 **York Sample ID:** 23A0226-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0226	27-09 40th Avenue LIC 19-401	Soil	January 4, 2023 12:05 pm	01/05/2023

Pesticides, NYSDEC Part 375 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.62	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 22:50	BJ-
72-55-9	4,4'-DDE	ND		ug/kg dry	1.62	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 22:50	BJ-
50-29-3	4,4'-DDT	ND		ug/kg dry	1.62	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 22:50	BJ-
309-00-2	Aldrin	ND		ug/kg dry	1.62	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 22:50	BJ-
319-84-6	alpha-BHC	ND		ug/kg dry	1.62	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 22:50	BJ-
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.62	5	EPA 8081B Certifications:	01/06/2023 08:51 NELAC-NY10854,NJDEP	01/09/2023 22:50	BJ-
319-85-7	beta-BHC	ND		ug/kg dry	1.62	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 22:50	BJ-
319-86-8	delta-BHC	ND		ug/kg dry	1.62	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 22:50	BJ-
60-57-1	Dieldrin	ND		ug/kg dry	1.62	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 22:50	BJ-
959-98-8	Endosulfan I	ND		ug/kg dry	1.62	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 22:50	BJ-
33213-65-9	Endosulfan II	ND		ug/kg dry	1.62	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854	01/09/2023 22:50	BJ-
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.62	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 22:50	BJ-
72-20-8	Endrin	ND		ug/kg dry	1.62	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 22:50	BJ-
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.62	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 22:50	BJ-
76-44-8	Heptachlor	ND		ug/kg dry	1.62	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 22:50	BJ-

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*62.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*62.2 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications:	01/06/2023 08:51 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/10/2023 03:57	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications:	01/06/2023 08:51 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/10/2023 03:57	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications:	01/06/2023 08:51 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/10/2023 03:57	BJ

Sample Information

Client Sample ID: Grid 2 CS-1 **York Sample ID:** 23A0226-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0226	27-09 40th Avenue LIC 19-401	Soil	January 4, 2023 12:05 pm	01/05/2023

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications:	01/06/2023 08:51 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/10/2023 03:57	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications:	01/06/2023 08:51 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/10/2023 03:57	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications:	01/06/2023 08:51 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/10/2023 03:57	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications:	01/06/2023 08:51 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/10/2023 03:57	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications:	01/06/2023 08:51	01/10/2023 03:57	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*67.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*67.5 %*	*30-140*

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	ND		mg/kg dry	1.37	1	EPA 6010D Certifications:	01/09/2023 14:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 15:23	CW
7440-39-3	**Barium**	**40.0**		mg/kg dry	2.28	1	EPA 6010D Certifications:	01/09/2023 14:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 15:23	CW
7440-41-7	**Beryllium**	**0.531**		mg/kg dry	0.046	1	EPA 6010D Certifications:	01/09/2023 14:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 15:23	CW
7440-43-9	Cadmium	ND		mg/kg dry	0.274	1	EPA 6010D Certifications:	01/09/2023 14:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 15:23	CW
7440-47-3	**Chromium**	**28.6**		mg/kg dry	0.456	1	EPA 6010D Certifications:	01/09/2023 14:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 15:23	CW
7440-50-8	**Copper**	**27.2**		mg/kg dry	1.82	1	EPA 6010D Certifications:	01/09/2023 14:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 15:23	CW
7439-92-1	**Lead**	**16.0**		mg/kg dry	0.456	1	EPA 6010D Certifications:	01/09/2023 14:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 15:23	CW
7439-96-5	**Manganese**	**328**		mg/kg dry	0.456	1	EPA 6010D Certifications:	01/09/2023 14:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 15:23	CW
7440-02-0	**Nickel**	**21.0**		mg/kg dry	0.908	1	EPA 6010D Certifications:	01/09/2023 14:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 15:23	CW
7782-49-2	Selenium	ND		mg/kg dry	2.28	1	EPA 6010D Certifications:	01/09/2023 14:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 15:23	CW
7440-22-4	Silver	ND		mg/kg dry	0.460	1	EPA 6010D Certifications:	01/09/2023 14:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 15:23	CW
7440-66-6	**Zinc**	**36.2**		mg/kg dry	2.27	1	EPA 6010D Certifications:	01/09/2023 14:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 15:23	CW

Sample Information

Client Sample ID: Grid 2 CS-1 **York Sample ID:** 23A0226-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0226	27-09 40th Avenue LIC 19-401	Soil	January 4, 2023 12:05 pm	01/05/2023

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0328	1	EPA 7473	01/06/2023 10:06	01/06/2023 14:57	MR
							Certifications: CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP			

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	0.547	1	EPA 7196A	01/09/2023 07:46	01/09/2023 15:01	LAR
							Certifications: NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP			

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	0.547	1	EPA 9014/9010C	01/06/2023 14:31	01/06/2023 19:35	SL
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.4**		%	0.100	1	SM 2540G	01/05/2023 21:18	01/05/2023 23:24	AGNR
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: Grid 2 CS-2 **York Sample ID:** 23A0226-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0226	27-09 40th Avenue LIC 19-401	Soil	January 4, 2023 12:10 pm	01/05/2023

Semi-Volatiles, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

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	45.4	90.6	2	EPA 8270D	01/06/2023 15:22	01/09/2023 19:52	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	45.4	90.6	2	EPA 8270D	01/06/2023 15:22	01/09/2023 19:52	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
83-32-9	**Acenaphthene**	**65.2**	J	ug/kg dry	45.4	90.6	2	EPA 8270D	01/06/2023 15:22	01/09/2023 19:52	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: Grid 2 CS-2 **York Sample ID:** 23A0226-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0226	27-09 40th Avenue LIC 19-401	Soil	January 4, 2023 12:10 pm	01/05/2023

Semi-Volatiles, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
208-96-8	Acenaphthylene	ND		ug/kg dry	45.4	90.6	2	EPA 8270D Certifications:	01/06/2023 15:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 19:52	KH
120-12-7	**Anthracene**	**185**		ug/kg dry	45.4	90.6	2	EPA 8270D Certifications:	01/06/2023 15:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 19:52	KH
56-55-3	**Benzo(a)anthracene**	**248**		ug/kg dry	45.4	90.6	2	EPA 8270D Certifications:	01/06/2023 15:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 19:52	KH
50-32-8	**Benzo(a)pyrene**	**204**		ug/kg dry	45.4	90.6	2	EPA 8270D Certifications:	01/06/2023 15:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 19:52	KH
205-99-2	**Benzo(b)fluoranthene**	**152**		ug/kg dry	45.4	90.6	2	EPA 8270D Certifications:	01/06/2023 15:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 19:52	KH
191-24-2	**Benzo(g,h,i)perylene**	**138**		ug/kg dry	45.4	90.6	2	EPA 8270D Certifications:	01/06/2023 15:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 19:52	KH
207-08-9	**Benzo(k)fluoranthene**	**175**		ug/kg dry	45.4	90.6	2	EPA 8270D Certifications:	01/06/2023 15:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 19:52	KH
218-01-9	**Chrysene**	**267**		ug/kg dry	45.4	90.6	2	EPA 8270D Certifications:	01/06/2023 15:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 19:52	KH
53-70-3	**Dibenzo(a,h)anthracene**	**49.3**	J	ug/kg dry	45.4	90.6	2	EPA 8270D Certifications:	01/06/2023 15:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 19:52	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	45.4	90.6	2	EPA 8270D Certifications:	01/06/2023 15:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 19:52	KH
206-44-0	**Fluoranthene**	**631**		ug/kg dry	45.4	90.6	2	EPA 8270D Certifications:	01/06/2023 15:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 19:52	KH
86-73-7	**Fluorene**	**65.2**	J	ug/kg dry	45.4	90.6	2	EPA 8270D Certifications:	01/06/2023 15:22 NELAC-NY10854,NJDEP,PADEP	01/09/2023 19:52	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	45.4	90.6	2	EPA 8270D Certifications:	01/06/2023 15:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 19:52	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**143**		ug/kg dry	45.4	90.6	2	EPA 8270D Certifications:	01/06/2023 15:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 19:52	KH
91-20-3	Naphthalene	ND		ug/kg dry	45.4	90.6	2	EPA 8270D Certifications:	01/06/2023 15:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 19:52	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	45.4	90.6	2	EPA 8270D Certifications:	01/06/2023 15:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 19:52	KH
85-01-8	**Phenanthrene**	**738**		ug/kg dry	45.4	90.6	2	EPA 8270D Certifications:	01/06/2023 15:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 19:52	KH
108-95-2	Phenol	ND		ug/kg dry	45.4	90.6	2	EPA 8270D Certifications:	01/06/2023 15:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 19:52	KH
129-00-0	**Pyrene**	**594**		ug/kg dry	45.4	90.6	2	EPA 8270D Certifications:	01/06/2023 15:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 19:52	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*34.1 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*30.3 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*29.0 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*37.4 %*	*21-113*

Sample Information

Client Sample ID: Grid 2 CS-2 **York Sample ID:** 23A0226-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0226	27-09 40th Avenue LIC 19-401	Soil	January 4, 2023 12:10 pm	01/05/2023

Semi-Volatiles, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

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*	*39.8 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*43.4 %*			*24-116*						

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 15:07	ESJ
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 15:07	ESJ
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 15:07	ESJ
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 15:07	ESJ
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 15:07	ESJ
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 15:07	ESJ
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 15:07	ESJ
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 15:07	ESJ
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 15:07	ESJ
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 15:07	ESJ
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 15:07	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 15:07	ESJ
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 15:07	ESJ
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 15:07	ESJ
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.436	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 15:07	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 15:07	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 15:07	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 15:07	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.873	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 15:07	ESJ

Sample Information

Client Sample ID: Grid 2 CS-2 **York Sample ID:** 23A0226-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0226	27-09 40th Avenue LIC 19-401	Soil	January 4, 2023 12:10 pm	01/05/2023

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

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.873	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 15:07	ESJ
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.873	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 15:07	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.436	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 15:07	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.436	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 15:07	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.436	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 15:07	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.436	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 15:07	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 15:07	ESJ
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.873	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 15:07	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.873	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 15:07	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.873	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 15:07	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.873	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 15:07	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	0.873	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 15:07	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 15:07	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 15:07	ESJ
356-02-2	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	1.09	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 15:07	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	5.46	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 15:07	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	5.46	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 15:07	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	2.18	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 15:07	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 15:07	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	2.18	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 15:07	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 15:07	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*98.0 %*	*25-150*
Surrogate: M5PFHxA	*91.8 %*	*25-150*

Sample Information

Client Sample ID: Grid 2 CS-2 **York Sample ID:** 23A0226-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0226	27-09 40th Avenue LIC 19-401	Soil	January 4, 2023 12:10 pm	01/05/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M4PFHpA	*89.6 %*			*25-150*					
	Surrogate: M3PFHxS	*99.5 %*			*25-150*					
	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*91.1 %*			*25-150*					
	Surrogate: M6PFDA	*95.4 %*			*25-150*					
	Surrogate: M7PFUdA	*77.4 %*			*25-150*					
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*69.0 %*			*25-150*					
	Surrogate: M2PFTeDA	*51.1 %*			*10-150*					
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*103 %*			*25-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*92.3 %*			*25-150*					
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*104 %*			*25-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*111 %*			*10-150*					
	Surrogate: d3-N-MeFOSAA	*74.4 %*			*25-150*					
	Surrogate: d5-N-EtFOSAA	*83.5 %*			*25-150*					
	Surrogate: M2-6:2 FTS	*70.0 %*			*25-200*					
	Surrogate: M2-8:2 FTS	*68.2 %*			*25-200*					
	Surrogate: M9PFNA	*104 %*			*25-150*					
	Surrogate: M2-4:2 FTS	*61.6 %*			*25-150*					
	Surrogate: d-N-MeFOSA	*77.5 %*			*25-150*					
	Surrogate: d-N-EtFOSA	*101 %*			*25-150*					
	Surrogate: M3HFPO-DA	*89.9 %*			*25-150*					
	Surrogate: d9-N-EtFOSE	*57.7 %*			*25-150*					
	Surrogate: d7-N-MeFOSE	*68.9 %*			*25-150*					

Pesticides, NYSDEC Part 375 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.62	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 23:07	BJ-
72-55-9	4,4'-DDE	ND		ug/kg dry	1.62	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 23:07	BJ-
50-29-3	4,4'-DDT	ND		ug/kg dry	1.62	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 23:07	BJ-
309-00-2	Aldrin	ND		ug/kg dry	1.62	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 23:07	BJ-
319-84-6	alpha-BHC	ND		ug/kg dry	1.62	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 23:07	BJ-

Sample Information

Client Sample ID: Grid 2 CS-2 **York Sample ID:** 23A0226-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0226	27-09 40th Avenue LIC 19-401	Soil	January 4, 2023 12:10 pm	01/05/2023

Pesticides, NYSDEC Part 375 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.62	5	EPA 8081B Certifications:	01/06/2023 08:51 NELAC-NY10854,NJDEP	01/09/2023 23:07	BJ-
319-85-7	beta-BHC	ND		ug/kg dry	1.62	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 23:07	BJ-
319-86-8	delta-BHC	ND		ug/kg dry	1.62	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 23:07	BJ-
60-57-1	Dieldrin	ND		ug/kg dry	1.62	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 23:07	BJ-
959-98-8	Endosulfan I	ND		ug/kg dry	1.62	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 23:07	BJ-
33213-65-9	Endosulfan II	ND		ug/kg dry	1.62	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854	01/09/2023 23:07	BJ-
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.62	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 23:07	BJ-
72-20-8	Endrin	ND		ug/kg dry	1.62	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 23:07	BJ-
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.62	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 23:07	BJ-
76-44-8	Heptachlor	ND		ug/kg dry	1.62	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 23:07	BJ-

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*76.3 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*75.4 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications:	01/06/2023 08:51 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/10/2023 04:12	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications:	01/06/2023 08:51 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/10/2023 04:12	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications:	01/06/2023 08:51 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/10/2023 04:12	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications:	01/06/2023 08:51 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/10/2023 04:12	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications:	01/06/2023 08:51 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/10/2023 04:12	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications:	01/06/2023 08:51 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/10/2023 04:12	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications:	01/06/2023 08:51 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/10/2023 04:12	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications:	01/06/2023 08:51	01/10/2023 04:12	BJ

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: Grid 2 CS-2 **York Sample ID:** 23A0226-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0226	27-09 40th Avenue LIC 19-401	Soil	January 4, 2023 12:10 pm	01/05/2023

Polychlorinated Biphenyls (PCB)

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*86.0 %*			*30-140*					
2051-24-3	*Surrogate: Decachlorobiphenyl*	*86.0 %*			*30-140*					

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**	**1.99**		mg/kg dry	1.37	1	EPA 6010D	01/09/2023 14:08	01/10/2023 15:26	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**38.8**		mg/kg dry	2.28	1	EPA 6010D	01/09/2023 14:08	01/10/2023 15:26	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**0.486**		mg/kg dry	0.046	1	EPA 6010D	01/09/2023 14:08	01/10/2023 15:26	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.274	1	EPA 6010D	01/09/2023 14:08	01/10/2023 15:26	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**13.6**		mg/kg dry	0.458	1	EPA 6010D	01/09/2023 14:08	01/10/2023 15:26	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**14.9**		mg/kg dry	1.83	1	EPA 6010D	01/09/2023 14:08	01/10/2023 15:26	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**14.8**		mg/kg dry	0.458	1	EPA 6010D	01/09/2023 14:08	01/10/2023 15:26	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**344**		mg/kg dry	0.458	1	EPA 6010D	01/09/2023 14:08	01/10/2023 15:26	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**13.0**		mg/kg dry	0.911	1	EPA 6010D	01/09/2023 14:08	01/10/2023 15:26	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.29	1	EPA 6010D	01/09/2023 14:08	01/10/2023 15:26	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.461	1	EPA 6010D	01/09/2023 14:08	01/10/2023 15:26	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**31.0**		mg/kg dry	2.28	1	EPA 6010D	01/09/2023 14:08	01/10/2023 15:26	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0329	1	EPA 7473	01/06/2023 10:06	01/06/2023 15:06	MR
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

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

Sample Information

Client Sample ID: Grid 2 CS-2 **York Sample ID:** 23A0226-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0226	27-09 40th Avenue LIC 19-401	Soil	January 4, 2023 12:10 pm	01/05/2023

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	0.549	1	EPA 7196A	01/09/2023 07:46	01/09/2023 15:01	LAR
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

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	0.549	1	EPA 9014/9010C	01/06/2023 14:31	01/06/2023 19:35	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

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**	**91.1**		%	0.100	1	SM 2540G	01/05/2023 21:18	01/05/2023 23:24	AGNR
							Certifications:	CTDOH-PH-0723		

Analytical Batch Summary

Batch ID: BA30217 **Preparation Method:** % Solids Prep **Prepared By:** AGNR

YORK Sample ID	Client Sample ID	Preparation Date
23A0226-01	Grid 2 CS-1	01/05/23
23A0226-02	Grid 2 CS-2	01/05/23
23A0226-03	Grid 2 CS-3	01/05/23
23A0226-04	Grid 2 CS-4	01/05/23
23A0226-05	Grid 2 CS-5	01/05/23
23A0226-06	Grid 2 CS-6	01/05/23
23A0226-07	Grid 2 CS-1	01/05/23
23A0226-08	Grid 2 CS-2	01/05/23
BA30217-DUP1	Duplicate	01/05/23

Batch ID: BA30239 **Preparation Method:** EPA 3550C **Prepared By:** FK

YORK Sample ID	Client Sample ID	Preparation Date
23A0226-07	Grid 2 CS-1	01/06/23
23A0226-07	Grid 2 CS-1	01/06/23
23A0226-08	Grid 2 CS-2	01/06/23
23A0226-08	Grid 2 CS-2	01/06/23
BA30239-BLK1	Blank	01/06/23
BA30239-BLK2	Blank	01/06/23
BA30239-BS1	LCS	01/06/23
BA30239-BS2	LCS	01/06/23
BA30239-MS1	Matrix Spike	01/06/23
BA30239-MS2	Matrix Spike	01/06/23
BA30239-MSD1	Matrix Spike Dup	01/06/23
BA30239-MSD2	Matrix Spike Dup	01/06/23

Batch ID: BA30243 **Preparation Method:** EPA 5035A **Prepared By:** FTR

YORK Sample ID	Client Sample ID	Preparation Date
23A0226-01	Grid 2 CS-1	01/06/23
23A0226-02	Grid 2 CS-2	01/06/23
23A0226-03	Grid 2 CS-3	01/06/23
23A0226-04	Grid 2 CS-4	01/06/23
23A0226-05	Grid 2 CS-5	01/06/23
23A0226-06	Grid 2 CS-6	01/06/23
BA30243-BLK1	Blank	01/06/23
BA30243-BLK2	Blank	01/06/23
BA30243-BS1	LCS	01/06/23
BA30243-BSD1	LCS Dup	01/06/23

Batch ID: BA30249 **Preparation Method:** EPA 7473 soil **Prepared By:** MR

YORK Sample ID	Client Sample ID	Preparation Date
23A0226-07	Grid 2 CS-1	01/06/23

23A0226-08	Grid 2 CS-2	01/06/23
BA30249-BLK1	Blank	01/06/23
BA30249-DUP1	Duplicate	01/06/23
BA30249-MS1	Matrix Spike	01/06/23
BA30249-SRM1	Reference	01/06/23

Batch ID: BA30260 **Preparation Method:** EPA 1633 Prep **Prepared By:** WJH

YORK Sample ID	Client Sample ID	Preparation Date
23A0226-07	Grid 2 CS-1	01/06/23
23A0226-08	Grid 2 CS-2	01/06/23
BA30260-BLK1	Blank	01/06/23
BA30260-BS1	LCS	01/06/23
BA30260-BS2	LCS	01/06/23
BA30260-DUP1	Duplicate	01/06/23

Batch ID: BA30263 **Preparation Method:** Analysis Preparation Soil **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
23A0226-07	Grid 2 CS-1	01/06/23
23A0226-08	Grid 2 CS-2	01/06/23
BA30263-BLK1	Blank	01/06/23
BA30263-DUP1	Duplicate	01/06/23
BA30263-MS1	Matrix Spike	01/06/23
BA30263-SRM1	Reference	01/06/23

Batch ID: BA30277 **Preparation Method:** EPA 3546 SVOA **Prepared By:** SCB

YORK Sample ID	Client Sample ID	Preparation Date
23A0226-08	Grid 2 CS-2	01/06/23
BA30277-BLK1	Blank	01/06/23
BA30277-BS1	LCS	01/06/23
BA30277-MS1	Matrix Spike	01/06/23
BA30277-MSD1	Matrix Spike Dup	01/06/23

Batch ID: BA30297 **Preparation Method:** EPA SW846-3060 **Prepared By:** LAR

YORK Sample ID	Client Sample ID	Preparation Date
23A0226-07	Grid 2 CS-1	01/09/23
23A0226-08	Grid 2 CS-2	01/09/23
BA30297-BLK1	Blank	01/09/23
BA30297-DUP1	Duplicate	01/09/23
BA30297-MS1	Matrix Spike	01/09/23
BA30297-SRM1	Reference	01/09/23

Batch ID: BA30339 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date

23A0226-07	Grid 2 CS-1	01/09/23
23A0226-08	Grid 2 CS-2	01/09/23
BA30339-BLK1	Blank	01/09/23
BA30339-DUP1	Duplicate	01/09/23
BA30339-MS1	Matrix Spike	01/09/23
BA30339-PS1	Post Spike	01/09/23
BA30339-SRM1	Reference	01/09/23

Batch ID: BA30468 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
23A0226-07	Grid 2 CS-1	01/11/23
BA30468-BLK1	Blank	01/11/23
BA30468-BS1	LCS	01/11/23
BA30468-MS1	Matrix Spike	01/11/23
BA30468-MSD1	Matrix Spike Dup	01/11/23

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 BA30243 - EPA 5035A											
Blank (BA30243-BLK1)											Prepared & Analyzed: 01/06/2023
1,1,1-Trichloroethane	ND	5.0	ug/kg wet								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2-Butanone	ND	5.0	"								
Acetone	ND	10	"								
Benzene	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroform	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylene chloride	10	10	"								
Naphthalene	ND	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
sec-Butylbenzene	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*46.8*		*ug/L*	*50.0*		*93.5*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.1*		*"*	*50.0*		*100*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.8*		*"*	*50.0*		*97.5*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30243 - EPA 5035A											
Blank (BA30243-BLK2)											
1,1,1-Trichloroethane	ND	500	ug/kg wet								
1,1-Dichloroethane	ND	500	"								
1,1-Dichloroethylene	ND	500	"								
1,2,4-Trimethylbenzene	ND	500	"								
1,2-Dichlorobenzene	ND	500	"								
1,2-Dichloroethane	ND	500	"								
1,3,5-Trimethylbenzene	ND	500	"								
1,3-Dichlorobenzene	ND	500	"								
1,4-Dichlorobenzene	ND	500	"								
1,4-Dioxane	ND	10000	"								
2-Butanone	ND	500	"								
Acetone	ND	1000	"								
Benzene	ND	500	"								
Carbon tetrachloride	ND	500	"								
Chlorobenzene	ND	500	"								
Chloroform	ND	500	"								
cis-1,2-Dichloroethylene	ND	500	"								
Ethyl Benzene	ND	500	"								
Methyl tert-butyl ether (MTBE)	ND	500	"								
Methylene chloride	1200	1000	"								
Naphthalene	ND	1000	"								
n-Butylbenzene	ND	500	"								
n-Propylbenzene	ND	500	"								
o-Xylene	ND	500	"								
p- & m- Xylenes	ND	1000	"								
sec-Butylbenzene	ND	500	"								
tert-Butylbenzene	ND	500	"								
Tetrachloroethylene	ND	500	"								
Toluene	ND	500	"								
trans-1,2-Dichloroethylene	ND	500	"								
Trichloroethylene	ND	500	"								
Vinyl Chloride	ND	500	"								
Xylenes, Total	ND	1500	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*44.5*		*ug/L*	*50.0*		*89.1*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.9*		*"*	*50.0*		*102*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.0*		*"*	*50.0*		*99.9*	*76-130*				

Prepared & Analyzed: 01/06/2023

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 BA30243 - EPA 5035A											
LCS (BA30243-BS1)							Prepared & Analyzed: 01/06/2023				
1,1,1-Trichloroethane	46		ug/L	50.0		91.7	71-137				
1,1-Dichloroethane	46		"	50.0		92.4	75-130				
1,1-Dichloroethylene	46		"	50.0		91.3	64-137				
1,2,4-Trimethylbenzene	49		"	50.0		97.1	84-125				
1,2-Dichlorobenzene	50		"	50.0		99.8	85-122				
1,2-Dichloroethane	45		"	50.0		89.0	71-133				
1,3,5-Trimethylbenzene	47		"	50.0		94.3	82-126				
1,3-Dichlorobenzene	50		"	50.0		99.7	84-124				
1,4-Dichlorobenzene	49		"	50.0		97.8	84-124				
1,4-Dioxane	1000		"	1050		95.6	10-228				
2-Butanone	45		"	50.0		90.4	58-147				
Acetone	34		"	50.0		68.0	36-155				
Benzene	49		"	50.0		97.4	77-127				
Carbon tetrachloride	47		"	50.0		93.9	66-143				
Chlorobenzene	51		"	50.0		102	86-120				
Chloroform	46		"	50.0		92.6	76-131				
cis-1,2-Dichloroethylene	46		"	50.0		92.9	74-132				
Ethyl Benzene	47		"	50.0		93.5	84-125				
Methyl tert-butyl ether (MTBE)	46		"	50.0		91.2	74-131				
Methylene chloride	64		"	50.0		128	57-141				
Naphthalene	50		"	50.0		100	86-141				
n-Butylbenzene	48		"	50.0		96.6	80-130				
n-Propylbenzene	48		"	50.0		96.6	74-136				
o-Xylene	47		"	50.0		94.2	83-123				
p- & m- Xylenes	93		"	100		93.4	82-128				
sec-Butylbenzene	49		"	50.0		97.2	83-125				
tert-Butylbenzene	43		"	50.0		86.5	80-127				
Tetrachloroethylene	40		"	50.0		80.2	80-129				
Toluene	47		"	50.0		95.0	85-121				
trans-1,2-Dichloroethylene	47		"	50.0		94.0	72-132				
Trichloroethylene	46		"	50.0		93.0	84-123				
Vinyl Chloride	35		"	50.0		69.9	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*45.8*		*"*	*50.0*		*91.5*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.6*		*"*	*50.0*		*99.2*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.5*		*"*	*50.0*		*97.0*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30243 - EPA 5035A											
LCS Dup (BA30243-BSD1)								Prepared & Analyzed: 01/06/2023			
1,1,1-Trichloroethane	47		ug/L	50.0		93.8	71-137		2.29	30	
1,1-Dichloroethane	47		"	50.0		93.9	75-130		1.65	30	
1,1-Dichloroethylene	47		"	50.0		93.8	64-137		2.74	30	
1,2,4-Trimethylbenzene	49		"	50.0		97.7	84-125		0.637	30	
1,2-Dichlorobenzene	50		"	50.0		100	85-122		0.480	30	
1,2-Dichloroethane	44		"	50.0		88.8	71-133		0.225	30	
1,3,5-Trimethylbenzene	48		"	50.0		95.1	82-126		0.824	30	
1,3-Dichlorobenzene	50		"	50.0		99.8	84-124		0.100	30	
1,4-Dichlorobenzene	49		"	50.0		98.6	84-124		0.815	30	
1,4-Dioxane	1100		"	1050		101	10-228		5.12	30	
2-Butanone	51		"	50.0		101	58-147		11.2	30	
Acetone	35		"	50.0		70.8	36-155		4.04	30	
Benzene	50		"	50.0		99.2	77-127		1.85	30	
Carbon tetrachloride	48		"	50.0		95.8	66-143		2.00	30	
Chlorobenzene	52		"	50.0		103	86-120		1.85	30	
Chloroform	47		"	50.0		93.7	76-131		1.22	30	
cis-1,2-Dichloroethylene	47		"	50.0		94.0	74-132		1.11	30	
Ethyl Benzene	48		"	50.0		95.8	84-125		2.43	30	
Methyl tert-butyl ether (MTBE)	46		"	50.0		92.7	74-131		1.68	30	
Methylene chloride	65		"	50.0		131	57-141		2.19	30	
Naphthalene	50		"	50.0		101	86-141		0.696	30	
n-Butylbenzene	49		"	50.0		97.6	80-130		0.989	30	
n-Propylbenzene	49		"	50.0		98.5	74-136		1.99	30	
o-Xylene	48		"	50.0		96.1	83-123		1.95	30	
p- & m- Xylenes	96		"	100		96.0	82-128		2.71	30	
sec-Butylbenzene	50		"	50.0		99.0	83-125		1.79	30	
tert-Butylbenzene	44		"	50.0		88.6	80-127		2.47	30	
Tetrachloroethylene	40		"	50.0		80.9	80-129		0.869	30	
Toluene	49		"	50.0		97.8	85-121		2.91	30	
trans-1,2-Dichloroethylene	47		"	50.0		94.7	72-132		0.678	30	
Trichloroethylene	48		"	50.0		96.1	84-123		3.30	30	
Vinyl Chloride	35		"	50.0		70.4	52-130		0.656	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*46.0*		*"*	*50.0*		*91.9*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.4*		*"*	*50.0*		*101*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.8*		*"*	*50.0*		*97.5*	*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 BA30277 - EPA 3546 SVOA											
Blank (BA30277-BLK1)											
Prepared: 01/06/2023 Analyzed: 01/09/2023											
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	*1110*		"	*1670*		*66.5*	*20-108*				
Surrogate: SURR: Phenol-d5	*1120*		"	*1670*		*67.0*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*569*		"	*833*		*68.2*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*612*		"	*833*		*73.4*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1160*		"	*1670*		*69.5*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*677*		"	*833*		*81.2*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30277 - EPA 3546 SVOA											
LCS (BA30277-BS1)								Prepared: 01/06/2023 Analyzed: 01/09/2023			
2-Methylphenol	333	41.7	ug/kg wet	833		40.0	10-146				
3- & 4-Methylphenols	284	41.7	"	833		34.1	20-109				
Acenaphthene	335	41.7	"	833		40.2	17-124				
Acenaphthylene	301	41.7	"	833		36.2	16-124				
Anthracene	351	41.7	"	833		42.1	24-124				
Benzo(a)anthracene	344	41.7	"	833		41.3	25-134				
Benzo(a)pyrene	318	41.7	"	833		38.2	29-144				
Benzo(b)fluoranthene	307	41.7	"	833		36.9	20-151				
Benzo(g,h,i)perylene	334	41.7	"	833		40.1	10-153				
Benzo(k)fluoranthene	363	41.7	"	833		43.6	10-148				
Chrysene	350	41.7	"	833		42.0	24-116				
Dibenzo(a,h)anthracene	321	41.7	"	833		38.6	17-147				
Dibenzofuran	347	41.7	"	833		41.6	23-123				
Fluoranthene	288	41.7	"	833		34.6	36-125	Low Bias			
Fluorene	333	41.7	"	833		39.9	16-130				
Hexachlorobenzene	317	41.7	"	833		38.1	10-129				
Indeno(1,2,3-cd)pyrene	403	41.7	"	833		48.4	10-155				
Naphthalene	361	41.7	"	833		43.3	20-121				
Pentachlorophenol	125	41.7	"	833		15.0	10-143				
Phenanthrene	338	41.7	"	833		40.6	24-123				
Phenol	381	41.7	"	833		45.7	15-123				
Pyrene	351	41.7	"	833		42.1	24-132				
Surrogate: SURR: 2-Fluorophenol	*702*		"	*1670*		*42.1*	*20-108*				
Surrogate: SURR: Phenol-d5	*695*		"	*1670*		*41.7*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*361*		"	*833*		*43.3*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*344*		"	*833*		*41.3*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*692*		"	*1670*		*41.5*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*409*		"	*833*		*49.1*	*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 BA30277 - EPA 3546 SVOA											
Matrix Spike (BA30277-MS1)	*Source sample: 23A0001-01 (Matrix Spike)							Prepared: 01/06/2023 Analyzed: 01/09/2023			
2-Methylphenol	519	95.8	ug/kg dry	958	ND	54.2	10-160				
3- & 4-Methylphenols	441	95.8	"	958	ND	46.1	16-115				
Acenaphthene	540	95.8	"	958	ND	56.4	13-133				
Acenaphthylene	1900	95.8	"	958	1110	81.9	25-125				
Anthracene	1020	95.8	"	958	351	69.7	27-128				
Benzo(a)anthracene	2360	95.8	"	958	1200	121	20-147				
Benzo(a)pyrene	2590	95.8	"	958	1190	146	18-153				
Benzo(b)fluoranthene	2320	95.8	"	958	1070	130	10-163				
Benzo(g,h,i)perylene	2810	95.8	"	958	1670	119	10-157				
Benzo(k)fluoranthene	2420	95.8	"	958	1130	134	10-157				
Chrysene	2530	95.8	"	958	1290	130	18-133				
Dibenzo(a,h)anthracene	1200	95.8	"	958	361	87.9	10-146				
Dibenzofuran	545	95.8	"	958	ND	57.0	26-134				
Fluoranthene	2280	95.8	"	958	1420	89.6	10-155				
Fluorene	639	95.8	"	958	76.3	58.7	12-150				
Hexachlorobenzene	505	95.8	"	958	ND	52.7	16-142				
Indeno(1,2,3-cd)pyrene	2530	95.8	"	958	1290	129	10-155				
Naphthalene	660	95.8	"	958	ND	69.0	15-132				
Pentachlorophenol	225	95.8	"	958	ND	23.5	10-160				
Phenanthrene	1140	95.8	"	958	363	81.0	10-151				
Phenol	643	95.8	"	958	ND	67.2	11-124				
Pyrene	2410	95.8	"	958	1140	132	13-148				
Surrogate: SURR: 2-Fluorophenol	*1000*		*"*	*1920*		*52.2*	*20-108*				
Surrogate: SURR: Phenol-d5	*1100*		*"*	*1920*		*57.2*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*507*		*"*	*958*		*53.0*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*560*		*"*	*958*		*58.5*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1050*		*"*	*1920*		*55.0*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*555*		*"*	*958*		*57.9*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30277 - EPA 3546 SVOA											
Matrix Spike Dup (BA30277-MSD1)	*Source sample: 23A0001-01 (Matrix Spike Dup)								Prepared: 01/06/2023 Analyzed: 01/09/2023		
2-Methylphenol	620	95.8	ug/kg dry	958	ND	64.8	10-160		17.9	30	
3- & 4-Methylphenols	535	95.8	"	958	ND	55.8	16-115		19.2	30	
Acenaphthene	749	95.8	"	958	ND	78.2	13-133		32.4	30	Non-dir.
Acenaphthylene	1870	95.8	"	958	1110	79.2	25-125		1.38	30	
Anthracene	1460	95.8	"	958	351	116	27-128		35.4	30	Non-dir.
Benzo(a)anthracene	2770	95.8	"	958	1200	163	20-147	High Bias	16.0	30	
Benzo(a)pyrene	2860	95.8	"	958	1190	174	18-153	High Bias	9.90	30	
Benzo(b)fluoranthene	2600	95.8	"	958	1070	160	10-163		11.6	30	
Benzo(g,h,i)perylene	2980	95.8	"	958	1670	137	10-157		5.79	30	
Benzo(k)fluoranthene	2580	95.8	"	958	1130	151	10-157		6.50	30	
Chrysene	3020	95.8	"	958	1290	181	18-133	High Bias	17.4	30	
Dibenzo(a,h)anthracene	1170	95.8	"	958	361	84.6	10-146		2.65	30	
Dibenzofuran	699	95.8	"	958	ND	73.0	26-134		24.7	30	
Fluoranthene	4030	95.8	"	958	1420	273	10-155	High Bias	55.6	30	Non-dir.
Fluorene	853	95.8	"	958	76.3	81.1	12-150		28.7	30	
Hexachlorobenzene	493	95.8	"	958	ND	51.5	16-142		2.30	30	
Indeno(1,2,3-cd)pyrene	2720	95.8	"	958	1290	150	10-155		7.38	30	
Naphthalene	758	95.8	"	958	ND	79.1	15-132		13.7	30	
Pentachlorophenol	288	95.8	"	958	ND	30.1	10-160		24.5	30	
Phenanthrene	2810	95.8	"	958	363	255	10-151	High Bias	84.6	30	Non-dir.
Phenol	607	95.8	"	958	ND	63.4	11-124		5.76	30	
Pyrene	4070	95.8	"	958	1140	305	13-148	High Bias	51.4	30	Non-dir.
Surrogate: SURR: 2-Fluorophenol	*1140*		*"*	*1920*		*59.6*	*20-108*				
Surrogate: SURR: Phenol-d5	*1120*		*"*	*1920*		*58.5*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*631*		*"*	*958*		*65.9*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*628*		*"*	*958*		*65.6*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1060*		*"*	*1920*		*55.4*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*593*		*"*	*958*		*61.9*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30468 - EPA 3550C											
Blank (BA30468-BLK1)											Prepared & Analyzed: 01/11/2023
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	*1130*		"	*1670*		*68.0*	*20-108*				
Surrogate: SURR: Phenol-d5	*1140*		"	*1670*		*68.1*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*585*		"	*833*		*70.2*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*576*		"	*833*		*69.1*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1310*		"	*1670*		*78.3*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*670*		"	*833*		*80.4*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30468 - EPA 3550C											
LCS (BA30468-BS1)							Prepared & Analyzed: 01/11/2023				
2-Methylphenol	572	41.7	ug/kg wet	833		68.6	10-146				
3- & 4-Methylphenols	515	41.7	"	833		61.8	20-109				
Acenaphthene	576	41.7	"	833		69.1	17-124				
Acenaphthylene	533	41.7	"	833		64.0	16-124				
Anthracene	622	41.7	"	833		74.6	24-124				
Benzo(a)anthracene	601	41.7	"	833		72.2	25-134				
Benzo(a)pyrene	556	41.7	"	833		66.7	29-144				
Benzo(b)fluoranthene	594	41.7	"	833		71.3	20-151				
Benzo(g,h,i)perylene	633	41.7	"	833		76.0	10-153				
Benzo(k)fluoranthene	619	41.7	"	833		74.3	10-148				
Chrysene	580	41.7	"	833		69.6	24-116				
Dibenzo(a,h)anthracene	615	41.7	"	833		73.8	17-147				
Dibenzofuran	577	41.7	"	833		69.2	23-123				
Fluoranthene	570	41.7	"	833		68.4	36-125				
Fluorene	574	41.7	"	833		68.9	16-130				
Hexachlorobenzene	574	41.7	"	833		68.9	10-129				
Indeno(1,2,3-cd)pyrene	603	41.7	"	833		72.3	10-155				
Naphthalene	589	41.7	"	833		70.7	20-121				
Pentachlorophenol	624	41.7	"	833		74.9	10-143				
Phenanthrene	601	41.7	"	833		72.1	24-123				
Phenol	580	41.7	"	833		69.6	15-123				
Pyrene	583	41.7	"	833		70.0	24-132				
Surrogate: SURR: 2-Fluorophenol	*1090*		"	*1670*		*65.3*	*20-108*				
Surrogate: SURR: Phenol-d5	*1080*		"	*1670*		*64.6*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*558*		"	*833*		*66.9*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*540*		"	*833*		*64.8*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1280*		"	*1670*		*76.8*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*612*		"	*833*		*73.4*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30468 - EPA 3550C											
Matrix Spike (BA30468-MS1)	*Source sample: 23A0327-05 (Matrix Spike)						Prepared & Analyzed: 01/11/2023				
2-Methylphenol	550	86.3	ug/kg dry	862	ND	63.8	10-160				
3- & 4-Methylphenols	488	86.3	"	862	ND	56.6	16-115				
Acenaphthene	564	86.3	"	862	ND	65.4	13-133				
Acenaphthylene	528	86.3	"	862	ND	61.2	25-125				
Anthracene	612	86.3	"	862	ND	71.0	27-128				
Benzo(a)anthracene	578	86.3	"	862	ND	67.0	20-147				
Benzo(a)pyrene	528	86.3	"	862	ND	61.2	18-153				
Benzo(b)fluoranthene	589	86.3	"	862	ND	68.3	10-163				
Benzo(g,h,i)perylene	620	86.3	"	862	ND	71.9	10-157				
Benzo(k)fluoranthene	585	86.3	"	862	ND	67.9	10-157				
Chrysene	579	86.3	"	862	ND	67.1	18-133				
Dibenzo(a,h)anthracene	588	86.3	"	862	ND	68.2	10-146				
Dibenzofuran	563	86.3	"	862	ND	65.4	26-134				
Fluoranthene	567	86.3	"	862	ND	65.8	10-155				
Fluorene	563	86.3	"	862	ND	65.4	12-150				
Hexachlorobenzene	580	86.3	"	862	ND	67.3	16-142				
Indeno(1,2,3-cd)pyrene	546	86.3	"	862	ND	63.4	10-155				
Naphthalene	582	86.3	"	862	ND	67.5	15-132				
Pentachlorophenol	508	86.3	"	862	ND	58.9	10-160				
Phenanthrene	597	86.3	"	862	ND	69.3	10-151				
Phenol	552	86.3	"	862	ND	64.0	11-124				
Pyrene	557	86.3	"	862	ND	64.6	13-148				
Surrogate: SURR: 2-Fluorophenol	*1110*		*"*	*1720*		*64.6*	*20-108*				
Surrogate: SURR: Phenol-d5	*1110*		*"*	*1720*		*64.1*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*560*		*"*	*862*		*65.0*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*553*		*"*	*862*		*64.2*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1250*		*"*	*1720*		*72.4*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*619*		*"*	*862*		*71.8*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30468 - EPA 3550C											
Matrix Spike Dup (BA30468-MSD1)	*Source sample: 23A0327-05 (Matrix Spike Dup)								Prepared & Analyzed: 01/11/2023		
2-Methylphenol	618	86.3	ug/kg dry	862	ND	71.7	10-160		11.7	30	
3- & 4-Methylphenols	542	86.3	"	862	ND	62.9	16-115		10.6	30	
Acenaphthene	615	86.3	"	862	ND	71.4	13-133		8.65	30	
Acenaphthylene	578	86.3	"	862	ND	67.0	25-125		9.11	30	
Anthracene	655	86.3	"	862	ND	76.0	27-128		6.86	30	
Benzo(a)anthracene	623	86.3	"	862	ND	72.3	20-147		7.58	30	
Benzo(a)pyrene	570	86.3	"	862	ND	66.1	18-153		7.67	30	
Benzo(b)fluoranthene	626	86.3	"	862	ND	72.6	10-163		6.13	30	
Benzo(g,h,i)perylene	650	86.3	"	862	ND	75.4	10-157		4.67	30	
Benzo(k)fluoranthene	630	86.3	"	862	ND	73.0	10-157		7.26	30	
Chrysene	620	86.3	"	862	ND	71.9	18-133		6.90	30	
Dibenzo(a,h)anthracene	620	86.3	"	862	ND	71.9	10-146		5.37	30	
Dibenzofuran	618	86.3	"	862	ND	71.7	26-134		9.22	30	
Fluoranthene	604	86.3	"	862	ND	70.1	10-155		6.36	30	
Fluorene	612	86.3	"	862	ND	71.0	12-150		8.22	30	
Hexachlorobenzene	609	86.3	"	862	ND	70.6	16-142		4.87	30	
Indeno(1,2,3-cd)pyrene	617	86.3	"	862	ND	71.6	10-155		12.2	30	
Naphthalene	640	86.3	"	862	ND	74.2	15-132		9.48	30	
Pentachlorophenol	546	86.3	"	862	ND	63.4	10-160		7.33	30	
Phenanthrene	648	86.3	"	862	ND	75.2	10-151		8.19	30	
Phenol	628	86.3	"	862	ND	72.9	11-124		13.0	30	
Pyrene	612	86.3	"	862	ND	71.0	13-148		9.45	30	
Surrogate: SURR: 2-Fluorophenol	*1210*		*"*	*1720*		*70.1*	*20-108*				
Surrogate: SURR: Phenol-d5	*1200*		*"*	*1720*		*69.5*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*578*		*"*	*862*		*67.0*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*580*		*"*	*862*		*67.3*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1320*		*"*	*1720*		*76.3*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*645*		*"*	*862*		*74.9*	*24-116*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30260 - EPA 1633 Prep											
Blank (BA30260-BLK1)											Prepared: 01/06/2023 Analyzed: 01/10/2023
Perfluorobutanesulfonic acid (PFBS)	ND	0.200	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.200	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.200	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.200	"								
Perfluorooctanoic acid (PFOA)	ND	0.200	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.200	"								
Perfluorononanoic acid (PFNA)	ND	0.200	"								
Perfluorodecanoic acid (PFDA)	ND	0.200	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.200	"								
Perfluorododecanoic acid (PFDoA)	ND	0.200	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.200	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.200	"								
N-MeFOSAA	ND	0.200	"								
N-EtFOSAA	ND	0.200	"								
Perfluoropentanoic acid (PFPeA)	ND	0.400	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.200	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.200	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.200	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	0.800	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	0.800	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.800	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.400	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.400	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.400	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.400	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.200	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	0.800	"								
HFPO-DA (Gen-X)	ND	0.800	"								
11CL-PF3OUdS	ND	0.800	"								
9CL-PF3ONS	ND	0.800	"								
ADONA	ND	0.800	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.200	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.200	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	1.00	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	5.00	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	5.00	"								
N-MeFOSE	ND	2.00	"								
N-MeFOSA	ND	0.200	"								
N-EtFOSE	ND	2.00	"								
N-EtFOSA	ND	0.200	"								
Surrogate: M3PFBS	*2.04*		"	*2.33*		*87.4*	*25-150*				
Surrogate: M5PFHxA	*2.50*		"	*2.50*		*100*	*25-150*				
Surrogate: M4PFHpA	*2.44*		"	*2.50*		*97.5*	*25-150*				
Surrogate: M3PFHxS	*2.39*		"	*2.37*		*101*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.50*		"	*2.50*		*100*	*25-150*				
Surrogate: M6PFDA	*1.09*		"	*1.25*		*87.4*	*25-150*				
Surrogate: M7PFUdA	*1.04*		"	*1.25*		*83.4*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30260 - EPA 1633 Prep											
Blank (BA30260-BLK1)											
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.948*		*ug/kg wet*	*1.25*		*75.8*	*25-150*				
Surrogate: M2PFTeDA	*0.750*		*"*	*1.25*		*60.0*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*10.0*		*"*	*10.0*		*100*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.60*		*"*	*2.40*		*108*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.42*		*"*	*5.00*		*108*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*0.653*		*"*	*2.50*		*26.1*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.15*		*"*	*5.00*		*83.0*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.36*		*"*	*5.00*		*87.2*	*25-150*				
Surrogate: M2-6:2 FTS	*3.40*		*"*	*4.76*		*71.5*	*25-200*				
Surrogate: M2-8:2 FTS	*3.08*		*"*	*4.80*		*64.1*	*25-200*				
Surrogate: M9PFNA	*1.22*		*"*	*1.25*		*98.0*	*25-150*				
Surrogate: M2-4:2 FTS	*3.00*		*"*	*4.69*		*64.0*	*25-150*				
Surrogate: d-N-MeFOSA	*0.568*		*"*	*2.50*		*22.7*	*25-150*				
Surrogate: d-N-EtFOSA	*1.38*		*"*	*2.50*		*55.1*	*25-150*				
Surrogate: M3HFPO-DA	*9.26*		*"*	*10.0*		*92.6*	*25-150*				
Surrogate: d9-N-EtFOSE	*5.57*		*"*	*25.0*		*22.3*	*25-150*				
Surrogate: d7-N-MeFOSE	*5.41*		*"*	*25.0*		*21.7*	*25-150*				
LCS (BA30260-BS1)											
Perfluorobutanesulfonic acid (PFBS)	3.94	0.198	ug/kg wet	3.50		112	50-150				
Perfluorohexanoic acid (PFHxA)	4.67	0.198	"	3.96		118	50-150				
Perfluoroheptanoic acid (PFHpA)	4.59	0.198	"	3.96		116	50-150				
Perfluorohexanesulfonic acid (PFHxS)	5.13	0.198	"	3.62		142	50-150				
Perfluorooctanoic acid (PFOA)	4.34	0.198	"	3.96		110	50-150				
Perfluorooctanesulfonic acid (PFOS)	4.07	0.198	"	3.68		111	50-150				
Perfluorononanoic acid (PFNA)	3.88	0.198	"	3.96		98.0	50-150				
Perfluorodecanoic acid (PFDA)	4.69	0.198	"	3.96		119	50-150				
Perfluoroundecanoic acid (PFUnA)	4.15	0.198	"	3.96		105	50-150				
Perfluorododecanoic acid (PFDoA)	4.60	0.198	"	3.96		116	50-150				
Perfluorotridecanoic acid (PFTrDA)	4.40	0.198	"	3.96		111	50-150				
Perfluorotetradecanoic acid (PFTA)	3.89	0.198	"	3.96		98.2	50-150				
N-MeFOSAA	4.21	0.198	"	3.96		106	50-150				
N-EtFOSAA	4.35	0.198	"	3.96		110	50-150				
Perfluoropentanoic acid (PFPeA)	8.85	0.396	"	7.92		112	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	3.87	0.198	"	3.96		97.7	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.62	0.198	"	3.78		122	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	4.11	0.198	"	3.82		107	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	16.6	0.792	"	15.0		110	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	16.8	0.792	"	15.2		110	50-150				
Perfluoro-n-butanoic acid (PFBA)	17.5	0.792	"	15.8		110	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	9.13	0.396	"	7.05		130	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	5.79	0.396	"	7.92		73.0	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	9.94	0.396	"	7.92		125	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	9.29	0.396	"	7.92		117	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	4.10	0.198	"	3.72		110	50-150				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30260 - EPA 1633 Prep											
LCS (BA30260-BS1)								Prepared: 01/06/2023 Analyzed: 01/10/2023			
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	15.9	0.792	ug/kg wet	14.9		107	50-150				
HFPO-DA (Gen-X)	9.22	0.792	"	7.92		116	50-150				
11CL-PF3OUdS	7.47	0.792	"	7.49		99.7	50-150				
9CL-PF3ONS	8.40	0.792	"	7.41		113	50-150				
ADONA	9.13	0.792	"	7.49		122	50-150				
Perfluorododecanesulfonic acid (PFDoS)	2.79	0.198	"	3.84		72.6	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	4.63	0.198	"	3.80		122	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	3.36	0.990	"	15.8		21.2	50-150	Low Bias			
3-Perfluoropentyl propanoic acid (FPePA)	49.3	4.95	"	79.2		62.2	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	60.3	4.95	"	79.2		76.1	50-150				
N-MeFOSE	41.5	1.98	"	39.6		105	50-150				
N-MeFOSA	3.99	0.198	"	3.96		101	50-150				
N-EtFOSE	46.5	1.98	"	39.6		117	50-150				
N-EtFOSA	3.53	0.198	"	3.96		89.1	50-150				
Surrogate: M3PFBS	*2.20*		"	*2.31*		*95.3*	*25-150*				
Surrogate: M5PFHxA	*2.25*		"	*2.48*		*90.8*	*25-150*				
Surrogate: M4PFHpA	*2.25*		"	*2.48*		*90.8*	*25-150*				
Surrogate: M3PFHxS	*2.34*		"	*2.35*		*99.7*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.10*		"	*2.48*		*84.9*	*25-150*				
Surrogate: M6PFDA	*0.995*		"	*1.24*		*80.4*	*25-150*				
Surrogate: M7PFUdA	*0.933*		"	*1.24*		*75.4*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.792*		"	*1.24*		*64.0*	*25-150*				
Surrogate: M2PFTeDA	*0.661*		"	*1.24*		*53.4*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*9.82*		"	*9.90*		*99.2*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*1.99*		"	*2.37*		*83.7*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.04*		"	*4.95*		*102*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*0.956*		"	*2.48*		*38.6*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.39*		"	*4.95*		*68.5*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.30*		"	*4.95*		*66.6*	*25-150*				
Surrogate: M2-6:2 FTS	*3.87*		"	*4.71*		*82.3*	*25-200*				
Surrogate: M2-8:2 FTS	*3.77*		"	*4.75*		*79.3*	*25-200*				
Surrogate: M9PFNA	*1.09*		"	*1.24*		*88.1*	*25-150*				
Surrogate: M2-4:2 FTS	*3.80*		"	*4.64*		*81.7*	*25-150*				
Surrogate: d-N-MeFOSA	*0.767*		"	*2.48*		*31.0*	*25-150*				
Surrogate: d-N-EtFOSA	*1.58*		"	*2.48*		*64.0*	*25-150*				
Surrogate: M3HFPO-DA	*9.12*		"	*9.90*		*92.1*	*25-150*				
Surrogate: d9-N-EtFOSE	*5.88*		"	*24.8*		*23.8*	*25-150*				
Surrogate: d7-N-MeFOSE	*7.11*		"	*24.8*		*28.7*	*25-150*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30260 - EPA 1633 Prep											
LCS (BA30260-BS2)								Prepared: 01/06/2023 Analyzed: 01/10/2023			
Perfluorobutanesulfonic acid (PFBS)	0.401	0.198	ug/kg wet	0.350		114	50-150				
Perfluorohexanoic acid (PFHxA)	0.448	0.198	"	0.396		113	50-150				
Perfluoroheptanoic acid (PFHpA)	0.445	0.198	"	0.396		112	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.526	0.198	"	0.362		145	50-150				
Perfluorooctanoic acid (PFOA)	0.492	0.198	"	0.396		124	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.401	0.198	"	0.368		109	50-150				
Perfluorononanoic acid (PFNA)	0.438	0.198	"	0.396		111	50-150				
Perfluorodecanoic acid (PFDA)	0.438	0.198	"	0.396		110	50-150				
Perfluoroundecanoic acid (PFUnA)	0.476	0.198	"	0.396		120	50-150				
Perfluorododecanoic acid (PFDoA)	0.437	0.198	"	0.396		110	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.468	0.198	"	0.396		118	50-150				
Perfluorotetradecanoic acid (PFTA)	0.412	0.198	"	0.396		104	50-150				
N-MeFOSAA	0.370	0.198	"	0.396		93.3	50-150				
N-EtFOSAA	0.499	0.198	"	0.396		126	50-150				
Perfluoropentanoic acid (PFPeA)	0.865	0.396	"	0.792		109	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.410	0.198	"	0.396		104	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.438	0.198	"	0.378		116	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.371	0.198	"	0.382		97.0	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1.69	0.792	"	1.50		112	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1.79	0.792	"	1.52		118	50-150				
Perfluoro-n-butanoic acid (PFBA)	1.68	0.792	"	1.58		106	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	0.883	0.396	"	0.705		125	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	0.631	0.396	"	0.792		79.7	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.982	0.396	"	0.792		124	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	0.880	0.396	"	0.792		111	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.405	0.198	"	0.372		109	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1.87	0.792	"	1.49		126	50-150				
HFPO-DA (Gen-X)	0.749	0.792	"	0.792		94.6	50-150				
11CL-PF3OUdS	0.788	0.792	"	0.749		105	50-150				
9CL-PF3ONS	0.908	0.792	"	0.741		123	50-150				
ADONA	0.958	0.792	"	0.749		128	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.273	0.198	"	0.384		71.0	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.494	0.198	"	0.380		130	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.990	"	1.58			50-150	Low Bias			
3-Perfluoropentyl propanoic acid (FPePA)	2.62	4.95	"	7.92		33.0	50-150	Low Bias			
3-Perfluoroheptyl propanoic acid (FHpPA)	3.64	4.95	"	7.92		45.9	50-150	Low Bias			
N-MeFOSE	4.40	1.98	"	3.96		111	50-150				
N-MeFOSA	0.642	0.198	"	0.396		162	50-150	High Bias			
N-EtFOSE	4.21	1.98	"	3.96		106	50-150				
N-EtFOSA	0.340	0.198	"	0.396		85.9	50-150				
Surrogate: M3PFBS	*2.09*		"	*2.31*		*90.7*	*25-150*				
Surrogate: M5PFHxA	*2.30*		"	*2.48*		*92.9*	*25-150*				
Surrogate: M4PFHpA	*2.25*		"	*2.48*		*90.8*	*25-150*				
Surrogate: M3PFHxS	*2.29*		"	*2.35*		*97.8*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*1.99*		"	*2.48*		*80.3*	*25-150*				
Surrogate: M6PFDA	*1.19*		"	*1.24*		*96.3*	*25-150*				
Surrogate: M7PFUdA	*1.02*		"	*1.24*		*82.1*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30260 - EPA 1633 Prep											
LCS (BA30260-BS2)											
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.966*		*ug/kg wet*	*1.24*		*78.1*	*25-150*				
Surrogate: M2PFTeDA	*0.731*		*"*	*1.24*		*59.1*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*9.68*		*"*	*9.90*		*97.8*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.25*		*"*	*2.37*		*95.1*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.01*		*"*	*4.95*		*101*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*0.411*		*"*	*2.48*		*16.6*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.91*		*"*	*4.95*		*79.0*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.83*		*"*	*4.95*		*77.4*	*25-150*				
Surrogate: M2-6:2 FTS	*3.67*		*"*	*4.71*		*77.9*	*25-200*				
Surrogate: M2-8:2 FTS	*3.33*		*"*	*4.75*		*70.1*	*25-200*				
Surrogate: M9PFNA	*1.30*		*"*	*1.24*		*105*	*25-150*				
Surrogate: M2-4:2 FTS	*3.23*		*"*	*4.64*		*69.5*	*25-150*				
Surrogate: d-N-MeFOSA	*0.300*		*"*	*2.48*		*12.1*	*25-150*				
Surrogate: d-N-EtFOSA	*1.35*		*"*	*2.48*		*54.6*	*25-150*				
Surrogate: M3HFPO-DA	*8.75*		*"*	*9.90*		*88.4*	*25-150*				
Surrogate: d9-N-EtFOSE	*4.14*		*"*	*24.8*		*16.7*	*25-150*				
Surrogate: d7-N-MeFOSE	*4.03*		*"*	*24.8*		*16.3*	*25-150*				
Duplicate (BA30260-DUP1)	*Source sample: 23A0226-08 (Grid 2 CS-2)										
Perfluorobutanesulfonic acid (PFBS)	ND	0.218	ug/kg dry		ND					30	
Perfluorohexanoic acid (PFHxA)	ND	0.218	"		ND					30	
Perfluoroheptanoic acid (PFHpA)	ND	0.218	"		ND					30	
Perfluorohexanesulfonic acid (PFHxS)	ND	0.218	"		ND					30	
Perfluorooctanoic acid (PFOA)	ND	0.218	"		ND					30	
Perfluorooctanesulfonic acid (PFOS)	ND	0.218	"		ND					30	
Perfluorononanoic acid (PFNA)	ND	0.218	"		ND					30	
Perfluorodecanoic acid (PFDA)	ND	0.218	"		ND					30	
Perfluoroundecanoic acid (PFUnA)	ND	0.218	"		ND					30	
Perfluorododecanoic acid (PFDoA)	ND	0.218	"		ND					30	
Perfluorotridecanoic acid (PFTrDA)	ND	0.218	"		ND					30	
Perfluorotetradecanoic acid (PFTA)	ND	0.218	"		ND					30	
N-MeFOSAA	ND	0.218	"		ND					30	
N-EtFOSAA	ND	0.218	"		ND					30	
Perfluoropentanoic acid (PFPeA)	ND	0.436	"		ND					30	
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.218	"		ND					30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.218	"		ND					30	
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.218	"		ND					30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	0.873	"		ND					30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	0.873	"		ND					30	
Perfluoro-n-butanoic acid (PFBA)	ND	0.873	"		ND					30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.436	"		ND					30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.436	"		ND					30	
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.436	"		ND					30	
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.436	"		ND					30	
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.218	"		ND					30	

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30260 - EPA 1633 Prep											
Duplicate (BA30260-DUP1)	*Source sample: 23A0226-08 (Grid 2 CS-2)								Prepared: 01/06/2023 Analyzed: 01/10/2023		
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	0.873	ug/kg dry		ND					30	
HFPO-DA (Gen-X)	ND	0.873	"		ND					30	
11CL-PF3OUdS	ND	0.873	"		ND					30	
9CL-PF3ONS	ND	0.873	"		ND					30	
ADONA	ND	0.873	"		ND					30	
Perfluorododecanesulfonic acid (PFDoS)	ND	0.218	"		ND					30	
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.218	"		ND					30	
3-Perfluoropropyl propanoic acid (FPrPA)	ND	1.09	"		ND					30	
3-Perfluoropentyl propanoic acid (FPePA)	ND	5.46	"		ND					30	
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	5.46	"		ND					30	
N-MeFOSE	ND	2.18	"		ND					30	
N-MeFOSA	ND	0.218	"		ND					30	
N-EtFOSE	ND	2.18	"		ND					30	
N-EtFOSA	1.49	0.218	"		ND					30	
Surrogate: M3PFBS	*2.26*		"	*2.54*		*88.8*	*25-150*				
Surrogate: M5PFHxA	*2.62*		"	*2.73*		*96.1*	*25-150*				
Surrogate: M4PFHpA	*2.37*		"	*2.73*		*86.9*	*25-150*				
Surrogate: M3PFHxS	*2.49*		"	*2.59*		*96.5*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.47*		"	*2.73*		*90.6*	*25-150*				
Surrogate: M6PFDA	*1.23*		"	*1.36*		*90.3*	*25-150*				
Surrogate: M7PFUdA	*1.07*		"	*1.36*		*78.2*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.06*		"	*1.36*		*77.6*	*25-150*				
Surrogate: M2PFTeDA	*0.760*		"	*1.36*		*55.7*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*10.3*		"	*10.9*		*94.4*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.40*		"	*2.61*		*91.9*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.38*		"	*5.46*		*98.7*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*0.427*		"	*2.73*		*15.7*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.15*		"	*5.46*		*76.0*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.34*		"	*5.46*		*79.6*	*25-150*				
Surrogate: M2-6:2 FTS	*3.71*		"	*5.19*		*71.5*	*25-200*				
Surrogate: M2-8:2 FTS	*3.40*		"	*5.24*		*64.9*	*25-200*				
Surrogate: M9PFNA	*1.29*		"	*1.36*		*94.7*	*25-150*				
Surrogate: M2-4:2 FTS	*3.10*		"	*5.12*		*60.7*	*25-150*				
Surrogate: d-N-MeFOSA	*0.370*		"	*2.73*		*13.6*	*25-150*				
Surrogate: d-N-EtFOSA	*0.0926*		"	*2.73*		*3.39*	*25-150*				
Surrogate: M3HFPO-DA	*9.36*		"	*10.9*		*85.8*	*25-150*				
Surrogate: d9-N-EtFOSE	*4.11*		"	*27.3*		*15.1*	*25-150*				
Surrogate: d7-N-MeFOSE	*3.83*		"	*27.3*		*14.0*	*25-150*				

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 BA30239 - EPA 3550C											
Blank (BA30239-BLK1)											Prepared: 01/06/2023 Analyzed: 01/09/2023
4,4'-DDD	ND	1.64	ug/kg wet								
4,4'-DDE	ND	1.64	"								
4,4'-DDT	ND	1.64	"								
Aldrin	ND	1.64	"								
alpha-BHC	ND	1.64	"								
alpha-Chlordane	ND	1.64	"								
beta-BHC	ND	1.64	"								
delta-BHC	ND	1.64	"								
Dieldrin	ND	1.64	"								
Endosulfan I	ND	1.64	"								
Endosulfan II	ND	1.64	"								
Endosulfan sulfate	ND	1.64	"								
Endrin	ND	1.64	"								
gamma-BHC (Lindane)	ND	1.64	"								
Heptachlor	ND	1.64	"								
Surrogate: Decachlorobiphenyl	*53.3*		*"*	*66.4*		*80.2*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*55.9*		*"*	*66.4*		*84.2*	*30-150*				
LCS (BA30239-BS1)											Prepared: 01/06/2023 Analyzed: 01/09/2023
4,4'-DDD	26.9	1.64	ug/kg wet	33.2		81.1	40-140				
4,4'-DDE	24.6	1.64	"	33.2		74.2	40-140				
4,4'-DDT	22.6	1.64	"	33.2		68.0	40-140				
Aldrin	23.8	1.64	"	33.2		71.7	40-140				
alpha-BHC	24.2	1.64	"	33.2		72.8	40-140				
alpha-Chlordane	25.6	1.64	"	33.2		77.2	40-140				
beta-BHC	29.7	1.64	"	33.2		89.3	40-140				
delta-BHC	26.9	1.64	"	33.2		80.9	40-140				
Dieldrin	24.8	1.64	"	33.2		74.6	40-140				
Endosulfan I	25.1	1.64	"	33.2		75.5	40-140				
Endosulfan II	26.2	1.64	"	33.2		78.8	40-140				
Endosulfan sulfate	27.1	1.64	"	33.2		81.4	40-140				
Endrin	24.6	1.64	"	33.2		74.0	40-140				
gamma-BHC (Lindane)	25.0	1.64	"	33.2		75.2	40-140				
Heptachlor	24.5	1.64	"	33.2		73.7	40-140				
Surrogate: Decachlorobiphenyl	*48.7*		*"*	*66.4*		*73.3*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*56.2*		*"*	*66.4*		*84.6*	*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 BA30239 - EPA 3550C											
Matrix Spike (BA30239-MS1)	*Source sample: 23A0238-02 (Matrix Spike)								Prepared: 01/06/2023 Analyzed: 01/09/2023		
4,4'-DDD	32.2	1.64	ug/kg dry	37.1	ND	86.7	30-150				
4,4'-DDE	25.8	1.64	"	37.1	ND	69.5	30-150				
4,4'-DDT	24.1	1.64	"	37.1	ND	64.8	30-150				
Aldrin	26.6	1.64	"	37.1	ND	71.7	30-150				
alpha-BHC	35.1	1.64	"	37.1	ND	94.7	30-150				
alpha-Chlordane	27.4	1.64	"	37.1	ND	73.8	30-150				
beta-BHC	26.2	1.64	"	37.1	ND	70.5	30-150				
delta-BHC	27.7	1.64	"	37.1	ND	74.5	30-150				
Dieldrin	27.5	1.64	"	37.1	ND	74.2	30-150				
Endosulfan I	27.2	1.64	"	37.1	ND	73.4	30-150				
Endosulfan II	30.5	1.64	"	37.1	ND	82.1	30-150				
Endosulfan sulfate	32.5	1.64	"	37.1	ND	87.5	30-150				
Endrin	26.7	1.64	"	37.1	ND	71.8	30-150				
gamma-BHC (Lindane)	26.6	1.64	"	37.1	ND	71.8	30-150				
Heptachlor	26.1	1.64	"	37.1	ND	70.3	30-150				
Surrogate: Decachlorobiphenyl	*55.2*		*"*	*74.2*		*74.4*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*59.1*		*"*	*74.2*		*79.7*	*30-150*				
Matrix Spike Dup (BA30239-MSD1)	*Source sample: 23A0238-02 (Matrix Spike Dup)								Prepared: 01/06/2023 Analyzed: 01/10/2023		
4,4'-DDD	32.2	1.64	ug/kg dry	37.1	ND	86.7	30-150		0.0577	30	
4,4'-DDE	26.7	1.64	"	37.1	ND	72.0	30-150		3.60	30	
4,4'-DDT	23.7	1.64	"	37.1	ND	63.8	30-150		1.56	30	
Aldrin	26.7	1.64	"	37.1	ND	71.8	30-150		0.160	30	
alpha-BHC	35.9	1.64	"	37.1	ND	96.6	30-150		2.05	30	
alpha-Chlordane	27.8	1.64	"	37.1	ND	75.0	30-150		1.66	30	
beta-BHC	28.1	1.64	"	37.1	ND	75.8	30-150		7.17	30	
delta-BHC	28.7	1.64	"	37.1	ND	77.3	30-150		3.64	30	
Dieldrin	28.5	1.64	"	37.1	ND	76.7	30-150		3.29	30	
Endosulfan I	27.9	1.64	"	37.1	ND	75.2	30-150		2.43	30	
Endosulfan II	31.1	1.64	"	37.1	ND	83.8	30-150		2.07	30	
Endosulfan sulfate	32.5	1.64	"	37.1	ND	87.6	30-150		0.120	30	
Endrin	27.2	1.64	"	37.1	ND	73.4	30-150		2.13	30	
gamma-BHC (Lindane)	26.6	1.64	"	37.1	ND	71.6	30-150		0.265	30	
Heptachlor	27.1	1.64	"	37.1	ND	72.9	30-150		3.61	30	
Surrogate: Decachlorobiphenyl	*57.8*		*"*	*74.2*		*77.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*63.6*		*"*	*74.2*		*85.6*	*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 BA30239 - EPA 3550C											
Blank (BA30239-BLK2)								Prepared: 01/06/2023 Analyzed: 01/10/2023			
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0611*		"	*0.0664*		*92.0*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0651*		"	*0.0664*		*98.0*	*30-140*				
LCS (BA30239-BS2)								Prepared: 01/06/2023 Analyzed: 01/10/2023			
Aroclor 1016	0.333	0.0166	mg/kg wet	0.332		100	40-130				
Aroclor 1260	0.359	0.0166	"	0.332		108	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0585*		"	*0.0664*		*88.0*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0615*		"	*0.0664*		*92.5*	*30-140*				
Matrix Spike (BA30239-MS2)	*Source sample: 23A0238-02 (Matrix Spike)							Prepared: 01/06/2023 Analyzed: 01/10/2023			
Aroclor 1016	0.213	0.0186	mg/kg dry	0.371	ND	57.5	40-140				
Aroclor 1260	0.292	0.0186	"	0.371	ND	78.6	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0583*		"	*0.0742*		*78.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0542*		"	*0.0742*		*73.0*	*30-140*				
Matrix Spike Dup (BA30239-MSD2)	*Source sample: 23A0238-02 (Matrix Spike Dup)							Prepared: 01/06/2023 Analyzed: 01/10/2023			
Aroclor 1016	0.193	0.0186	mg/kg dry	0.371	ND	52.1	40-140		9.82	50	
Aroclor 1260	0.272	0.0186	"	0.371	ND	73.4	40-140		6.82	50	
Surrogate: Tetrachloro-m-xylene	*0.0605*		"	*0.0742*		*81.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0505*		"	*0.0742*		*68.0*	*30-140*				

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 BA30339 - EPA 3050B											
Blank (BA30339-BLK1)									Prepared: 01/09/2023 Analyzed: 01/10/2023		
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 (BA30339-DUP1)	*Source sample: 23A0226-08 (Grid 2 CS-2)								Prepared: 01/09/2023 Analyzed: 01/10/2023		
Arsenic	ND	1.37	mg/kg dry		1.99					35	
Barium	37.8	2.28	"		38.8				2.77	35	
Beryllium	0.481	0.046	"		0.486				0.861	35	
Cadmium	ND	0.274	"		ND					35	
Chromium	13.9	0.458	"		13.6				2.22	35	
Copper	14.1	1.83	"		14.9				5.66	35	
Lead	12.3	0.458	"		14.8				19.0	35	
Manganese	320	0.458	"		344				7.37	35	
Nickel	12.7	0.911	"		13.0				2.12	35	
Selenium	ND	2.29	"		ND					35	
Silver	ND	0.461	"		ND					35	
Zinc	29.2	2.28	"		31.0				5.94	35	
Matrix Spike (BA30339-MS1)	*Source sample: 23A0226-08 (Grid 2 CS-2)								Prepared: 01/09/2023 Analyzed: 01/10/2023		
Arsenic	169	1.37	mg/kg dry	183	1.99	91.1	75-125				
Barium	212	2.28	"	183	38.8	94.5	75-125				
Beryllium	4.63	0.046	"	4.57	0.486	90.6	75-125				
Cadmium	4.16	0.274	"	4.57	ND	90.9	75-125				
Chromium	30.0	0.458	"	18.3	13.6	89.7	75-125				
Copper	35.4	1.83	"	22.9	14.9	89.7	75-125				
Lead	53.4	0.458	"	45.7	14.8	84.3	75-125				
Manganese	398	0.458	"	45.7	344	117	75-125				
Nickel	53.5	0.911	"	45.7	13.0	88.7	75-125				
Selenium	127	2.29	"	183	ND	69.2	75-125	Low Bias			
Silver	ND	0.461	"	4.57	ND		75-125	Low Bias			
Zinc	68.1	2.28	"	45.7	31.0	81.0	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30339 - EPA 3050B											
Post Spike (BA30339-PS1)	*Source sample: 23A0226-08 (Grid 2 CS-2)									Prepared: 01/09/2023 Analyzed: 01/10/2023	
Arsenic	1.88		ug/mL	2.00	0.022	92.8	75-125				
Barium	2.35		"	2.00	0.424	96.1	75-125				
Beryllium	0.052		"	0.0500	0.005	93.4	75-125				
Cadmium	0.046		"	0.0500	0.0005	90.1	75-125				
Chromium	0.330		"	0.200	0.149	90.7	75-125				
Copper	0.409		"	0.250	0.163	98.6	75-125				
Lead	0.614		"	0.500	0.162	90.4	75-125				
Manganese	4.13		"	0.500	3.76	73.0	75-125	Low Bias			
Nickel	0.598		"	0.500	0.142	91.2	75-125				
Selenium	1.39		"	2.00	-0.144	69.5	75-125	Low Bias			
Silver	-0.0008		"	0.0500	-0.045		75-125	Low Bias			
Zinc	0.769		"	0.500	0.339	86.0	75-125				
Reference (BA30339-SRM1)										Prepared: 01/09/2023 Analyzed: 01/10/2023	
Arsenic	93.1	1.25	mg/kg wet	87.4		106	70-130.4				
Barium	380	2.08	"	347		109	75.2-130.3				
Beryllium	106	0.042	"	103		103	74.8-132				
Cadmium	170	0.250	"	160		106	75-145.6				
Chromium	241	0.417	"	231		104	70.1-134.2				
Copper	154	1.67	"	144		107	75-126.4				
Lead	263	0.417	"	266		99.0	74.1-125.9				
Manganese	567	0.417	"	555		102	77.3-132.8				
Nickel	382	0.830	"	350		109	70-144				
Selenium	93.6	2.08	"	130		72.0	66.9-133.8				
Silver	54.8	0.420	"	57.1		96.0	70.2-129.8				
Zinc	163	2.08	"	160		102	70-130				

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 BA30249 - EPA 7473 soil											
Blank (BA30249-BLK1)								Prepared & Analyzed: 01/06/2023			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BA30249-DUP1)	*Source sample: 22L1325-10 (Duplicate)							Prepared & Analyzed: 01/06/2023			
Mercury	ND	0.0372	mg/kg dry		ND					35	
Matrix Spike (BA30249-MS1)	*Source sample: 22L1325-10 (Matrix Spike)							Prepared & Analyzed: 01/06/2023			
Mercury	0.512		mg/kg	0.500	0.0299	96.4	75-125				
Reference (BA30249-SRM1)								Prepared & Analyzed: 01/06/2023			
Mercury	20.501		mg/kg	27.2		75.4	59.9-140.1				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30263 - Analysis Preparation Soil											
Blank (BA30263-BLK1)								Prepared & Analyzed: 01/06/2023			
Cyanide, total	ND	0.500	mg/kg wet								
Duplicate (BA30263-DUP1)	*Source sample: 23A0238-02 (Duplicate)							Prepared & Analyzed: 01/06/2023			
Cyanide, total	ND	0.559	mg/kg dry		ND					15	
Matrix Spike (BA30263-MS1)	*Source sample: 23A0238-02 (Matrix Spike)							Prepared & Analyzed: 01/06/2023			
Cyanide, total	10.5	0.559	mg/kg dry	11.2	ND	94.1	79.6-107				
Reference (BA30263-SRM1)								Prepared & Analyzed: 01/06/2023			
Cyanide, total	152		ug/mL	131		116	44.4-156.5				
Batch BA30297 - EPA SW846-3060											
Blank (BA30297-BLK1)								Prepared & Analyzed: 01/09/2023			
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Duplicate (BA30297-DUP1)	*Source sample: 23A0215-06 (Duplicate)							Prepared & Analyzed: 01/09/2023			
Chromium, Hexavalent	ND	0.549	mg/kg dry		ND					35	
Matrix Spike (BA30297-MS1)	*Source sample: 23A0215-06 (Matrix Spike)							Prepared & Analyzed: 01/09/2023			
Chromium, Hexavalent	17.8	0.549	mg/kg dry	22.0	ND	81.2	75-125				
Reference (BA30297-SRM1)								Prepared & Analyzed: 01/09/2023			
Chromium, Hexavalent	153		mg/L	227		67.4	42.3-157.7				

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 BA30217 - % Solids Prep											
Duplicate (BA30217-DUP1)	*Source sample: 23A0226-08 (Grid 2 CS-2)								Prepared & Analyzed: 01/05/2023		
% Solids	90.2	0.100	%		91.1				1.00	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
23A0226-01	Grid 2 CS-1	40mL Vial with Stir Bar-Cool 4° C
23A0226-02	Grid 2 CS-2	40mL Vial with Stir Bar-Cool 4° C
23A0226-03	Grid 2 CS-3	40mL Vial with Stir Bar-Cool 4° C
23A0226-04	Grid 2 CS-4	40mL Vial with Stir Bar-Cool 4° C
23A0226-05	Grid 2 CS-5	40mL Vial with Stir Bar-Cool 4° C
23A0226-06	Grid 2 CS-6	40mL Vial with Stir Bar-Cool 4° C

Sample and Data Qualifiers Relating to This Work Order

QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
M-SPKM	The spike recovery is not within acceptance windows due to sample non-homogeneity, or matrix interference.
M-PS	This Element exhibted recovery outside control limits for the Post Spike.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document.
This 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. 23A0226

120 Research Drive Stratford, CT 06615 | 132-02 89th A Queens, NY 11418 | clientservices@yorklab.com | www.yorklab.com | 800-306-YORK | 800-306-9675

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Laurel Environmental Services	Company:	Company:	19-401	RUSH - Next Day
Address: 53 West Hills Road Huntington Station NY 11746	Address: Scott	Address: Kathy	YOUR Project Name: 27-09 40th Avenue Long Island City	RUSH - Two Day
Phone: (631) 673-0022	Phone:	Phone:		RUSH - Three Day
Contact: Scott Yamuck	Contact:	Contact:		RUSH - Four Day
E-mail: lab@laurelenv.com	E-mail:	E-mail:	YOUR PO#:	Standard (5-7 Day) X

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

Ricky Frantell

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 X
New Jersey
Connecticut
Pennsylvania
Other:

Report / EDD Type (circle selections)

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

YORK Reg. Comp.

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

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
Grid 2 GS-1	S	1/4/23 1135	USEPA 8260	(4) 40mL Terracores
Grid 2 GS-2	S	1140		
Grid 2 GS-3	S	1145		
Grid 2 GS-4	S	1150		
Grid 2 GS-5	S	1155		
Grid 2 GS-6	S	1200		
Grid 2 CS-1	S	1205	3 SVOCs TAL Metals, PCBs, Pesticides PFAS 1633	8oz, 4oz, 250mL
Grid 2 CS-2	S	1210		
			Use this for CS-1 and CS-2	

Comments: Rush PFAS 5 day Rush all samples

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

Preservation: (check all that apply)

HCl ___ MeOH ✓ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other: di water

Special Instruction

Field Filtered
Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
	1/5/23 0900	Yorklab	1/5/23 1150AM	Yorklab	1/5/23 1800
2. Samples Received by / Company	Date/Time	2. 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
					1/5/23 1800 3.4

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: 01/18/2023
Client Project ID: 27-09 40th Ave LIC NY 19-401
York Project (SDG) No.: 23A0500

Report Date: 01/18/2023
Client Project ID: 27-09 40th Ave LIC NY 19-401
York Project (SDG) No.: 23A0500

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 January 11, 2023 and listed below. The project was identified as your project: **27-09 40th Ave LIC NY 19-401**.

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
23A0500-01	Q4-CS-Composite 1	Soil	01/10/2023	01/11/2023
23A0500-02	Q4-CS-Composite 2	Soil	01/10/2023	01/11/2023
23A0500-03	Field Blank	Water	01/10/2023	01/11/2023
23A0500-04	Q4-CS-Grab 1	Soil	01/10/2023	01/11/2023
23A0500-05	Q4-CS-Grab 2	Soil	01/10/2023	01/11/2023
23A0500-06	Q4-CS-Grab 3	Soil	01/10/2023	01/11/2023
23A0500-07	Q4-CS-Grab 4	Soil	01/10/2023	01/11/2023
23A0500-08	Q4-CS-Grab 5	Soil	01/10/2023	01/11/2023
23A0500-09	Q4-CS-Grab 6	Soil	01/10/2023	01/11/2023

General Notes for York Project (SDG) No.: 23A0500

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

Approved By:  **Date:** 01/18/2023

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: Q4-CS-Composite 1 **York Sample ID:** 23A0500-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0500	27-09 40th Ave LIC NY 19-401	Soil	January 10, 2023 1:30 pm	01/11/2023

Semi-Volatiles, NYSDEC Part 375 List **Log-in Notes:** **Sample Notes:**

Sample Prepared by 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	45.3	90.4	2	EPA 8270D Certifications:	01/15/2023 10:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 12:19	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications:	01/15/2023 10:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 12:19	KH
83-32-9	Acenaphthene	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications:	01/15/2023 10:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 12:19	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications:	01/15/2023 10:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 12:19	KH
120-12-7	Anthracene	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications:	01/15/2023 10:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 12:19	KH
56-55-3	**Benzo(a)anthracene**	**75.2**	J	ug/kg dry	45.3	90.4	2	EPA 8270D Certifications:	01/15/2023 10:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 12:19	KH
50-32-8	**Benzo(a)pyrene**	**57.1**	J	ug/kg dry	45.3	90.4	2	EPA 8270D Certifications:	01/15/2023 10:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 12:19	KH
205-99-2	**Benzo(b)fluoranthene**	**55.6**	J	ug/kg dry	45.3	90.4	2	EPA 8270D Certifications:	01/15/2023 10:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 12:19	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications:	01/15/2023 10:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 12:19	KH
207-08-9	**Benzo(k)fluoranthene**	**47.0**	J	ug/kg dry	45.3	90.4	2	EPA 8270D Certifications:	01/15/2023 10:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 12:19	KH
218-01-9	**Chrysene**	**65.0**	J	ug/kg dry	45.3	90.4	2	EPA 8270D Certifications:	01/15/2023 10:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 12:19	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications:	01/15/2023 10:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 12:19	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications:	01/15/2023 10:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 12:19	KH
206-44-0	**Fluoranthene**	**150**		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications:	01/15/2023 10:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 12:19	KH
86-73-7	Fluorene	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications:	01/15/2023 10:06 NELAC-NY10854,NJDEP,PADEP	01/16/2023 12:19	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications:	01/15/2023 10:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 12:19	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications:	01/15/2023 10:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 12:19	KH
91-20-3	Naphthalene	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications:	01/15/2023 10:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 12:19	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications:	01/15/2023 10:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 12:19	KH
85-01-8	**Phenanthrene**	**120**		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications:	01/15/2023 10:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 12:19	KH
108-95-2	Phenol	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications:	01/15/2023 10:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 12:19	KH
129-00-0	**Pyrene**	**132**		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications:	01/15/2023 10:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 12:19	KH

Sample Information

Client Sample ID: Q4-CS-Composite 1 **York Sample ID:** 23A0500-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0500	27-09 40th Ave LIC NY 19-401	Soil	January 10, 2023 1:30 pm	01/11/2023

Semi-Volatiles, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by 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*	*72.3 %*			*20-108*						
4165-62-2	*Surrogate: SURR: Phenol-d5*	*70.6 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*80.3 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*75.2 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*79.7 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*81.1 %*			*24-116*						

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.216	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 23:48	ESJ
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.216	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 23:48	ESJ
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.216	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 23:48	ESJ
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.216	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 23:48	ESJ
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.216	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 23:48	ESJ
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.216	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 23:48	ESJ
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.216	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 23:48	ESJ
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.216	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 23:48	ESJ
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.216	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 23:48	ESJ
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.216	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 23:48	ESJ
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.216	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 23:48	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.216	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 23:48	ESJ
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.216	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 23:48	ESJ
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.216	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 23:48	ESJ
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.433	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 23:48	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.216	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 23:48	ESJ

Sample Information

Client Sample ID: Q4-CS-Composite 1 **York Sample ID:** 23A0500-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0500	27-09 40th Ave LIC NY 19-401	Soil	January 10, 2023 1:30 pm	01/11/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.216	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 23:48	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.216	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 23:48	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.866	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 23:48	ESJ
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.866	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 23:48	ESJ
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.866	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 23:48	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.433	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 23:48	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.433	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 23:48	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.433	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 23:48	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.433	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 23:48	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.216	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 23:48	ESJ
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.866	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 23:48	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.866	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 23:48	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.866	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 23:48	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.866	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 23:48	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	0.866	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 23:48	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.216	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 23:48	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.216	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 23:48	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	1.08	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 23:48	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	5.41	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 23:48	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	5.41	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 23:48	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	2.16	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 23:48	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.216	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 23:48	ESJ

Sample Information

Client Sample ID: Q4-CS-Composite 1 **York Sample ID:** 23A0500-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0500	27-09 40th Ave LIC NY 19-401	Soil	January 10, 2023 1:30 pm	01/11/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1691-99-2	* N-EtFOSE	ND		ug/kg dry	2.16	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 23:48	ESJ
4151-50-2	*** N-EtFOSA**	**0.236**		ug/kg dry	0.216	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 23:48	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*104 %*	*25-150*
Surrogate: M5PFHxA	*112 %*	*25-150*
Surrogate: M4PFHpA	*96.6 %*	*25-150*
Surrogate: M3PFHxS	*115 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*89.7 %*	*25-150*
Surrogate: M6PFDA	*105 %*	*25-150*
Surrogate: M7PFUdA	*87.8 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*79.7 %*	*25-150*
Surrogate: M2PFTeDA	*53.8 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*111 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*114 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*114 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*19.3 %*	*10-150*
Surrogate: d3-N-MeFOSAA	*67.3 %*	*25-150*
Surrogate: d5-N-EtFOSAA	*74.6 %*	*25-150*
Surrogate: M2-6:2 FTS	*94.7 %*	*25-200*
Surrogate: M2-8:2 FTS	*76.2 %*	*25-200*
Surrogate: M9PFNA	*105 %*	*25-150*
Surrogate: M2-4:2 FTS	*84.9 %*	*25-150*
Surrogate: d-N-MeFOSA	*25.0 %*	*25-150*
Surrogate: d-N-EtFOSA	*54.6 %*	*25-150*
Surrogate: M3HFPO-DA	*98.0 %*	*25-150*
Surrogate: d9-N-EtFOSE	*25.3 %*	*25-150*
Surrogate: d7-N-MeFOSE	*25.4 %*	*25-150*

Sample Information

Client Sample ID: Q4-CS-Composite 1 **York Sample ID:** 23A0500-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0500	27-09 40th Ave LIC NY 19-401	Soil	January 10, 2023 1:30 pm	01/11/2023

Pesticides, NYSDEC Part 375 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.62	5	EPA 8081B Certifications:	01/13/2023 08:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/17/2023 01:22	BJ
72-55-9	4,4'-DDE	ND		ug/kg dry	1.62	5	EPA 8081B Certifications:	01/13/2023 08:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/17/2023 01:22	BJ
50-29-3	4,4'-DDT	ND		ug/kg dry	1.62	5	EPA 8081B Certifications:	01/13/2023 08:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/17/2023 01:22	BJ
309-00-2	Aldrin	ND		ug/kg dry	1.62	5	EPA 8081B Certifications:	01/13/2023 08:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/17/2023 01:22	BJ
319-84-6	alpha-BHC	ND		ug/kg dry	1.62	5	EPA 8081B Certifications:	01/13/2023 08:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/17/2023 01:22	BJ
5103-71-9	**alpha-Chlordane**	**1.69**		ug/kg dry	1.62	5	EPA 8081B Certifications:	01/13/2023 08:48 NELAC-NY10854,NJDEP	01/17/2023 01:22	BJ
319-85-7	beta-BHC	ND		ug/kg dry	1.62	5	EPA 8081B Certifications:	01/13/2023 08:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/17/2023 01:22	BJ
319-86-8	delta-BHC	ND		ug/kg dry	1.62	5	EPA 8081B Certifications:	01/13/2023 08:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/17/2023 01:22	BJ
60-57-1	**Dieldrin**	**4.09**		ug/kg dry	1.62	5	EPA 8081B Certifications:	01/13/2023 08:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/17/2023 01:22	BJ
959-98-8	Endosulfan I	ND		ug/kg dry	1.62	5	EPA 8081B Certifications:	01/13/2023 08:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/17/2023 01:22	BJ
33213-65-9	Endosulfan II	ND		ug/kg dry	1.62	5	EPA 8081B Certifications:	01/13/2023 08:48 CTDOH-PH-0723,NELAC-NY10854	01/17/2023 01:22	BJ
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.62	5	EPA 8081B Certifications:	01/13/2023 08:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/17/2023 01:22	BJ
72-20-8	Endrin	ND		ug/kg dry	1.62	5	EPA 8081B Certifications:	01/13/2023 08:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/17/2023 01:22	BJ
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.62	5	EPA 8081B Certifications:	01/13/2023 08:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/17/2023 01:22	BJ
76-44-8	Heptachlor	ND		ug/kg dry	1.62	5	EPA 8081B Certifications:	01/13/2023 08:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/17/2023 01:22	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*85.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*81.2 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications:	01/13/2023 08:48 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/16/2023 18:57	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications:	01/13/2023 08:48 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/16/2023 18:57	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications:	01/13/2023 08:48 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/16/2023 18:57	BJ

Sample Information

Client Sample ID: Q4-CS-Composite 1 **York Sample ID:** 23A0500-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0500	27-09 40th Ave LIC NY 19-401	Soil	January 10, 2023 1:30 pm	01/11/2023

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0178	1	EPA 8082A	01/13/2023 08:48	01/16/2023 18:57	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0178	1	EPA 8082A	01/13/2023 08:48	01/16/2023 18:57	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0178	1	EPA 8082A	01/13/2023 08:48	01/16/2023 18:57	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0178	1	EPA 8082A	01/13/2023 08:48	01/16/2023 18:57	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0178	1	EPA 8082A	01/13/2023 08:48	01/16/2023 18:57	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*75.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*85.5 %*	*30-140*

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**	**1.85**		mg/kg dry	1.36	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:26	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**46.4**		mg/kg dry	2.27	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:26	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**0.579**		mg/kg dry	0.046	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:26	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.273	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:26	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**15.0**		mg/kg dry	0.455	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:26	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**17.6**		mg/kg dry	1.82	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:26	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**16.0**		mg/kg dry	0.455	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:26	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**329**		mg/kg dry	0.455	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:26	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**12.8**		mg/kg dry	0.906	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:26	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.27	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:26	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.458	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:26	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**37.3**		mg/kg dry	2.26	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:26	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: Q4-CS-Composite 1 **York Sample ID:** 23A0500-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0500	27-09 40th Ave LIC NY 19-401	Soil	January 10, 2023 1:30 pm	01/11/2023

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0327	1	EPA 7473	01/12/2023 09:23	01/12/2023 15:23	MR
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

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	0.546	1	EPA 7196A	01/12/2023 07:45	01/12/2023 14:01	LAR
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.546	1	EPA 9014/9010C	01/12/2023 14:33	01/12/2023 20:19	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

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	01/13/2023 13:16	01/13/2023 15:59	LAR
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: Q4-CS-Composite 2 **York Sample ID:** 23A0500-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0500	27-09 40th Ave LIC NY 19-401	Soil	January 10, 2023 1:30 pm	01/11/2023

Semi-Volatiles, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by 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	45.5	90.8	2	EPA 8270D	01/15/2023 10:06	01/16/2023 12:49	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	45.5	90.8	2	EPA 8270D	01/15/2023 10:06	01/16/2023 12:49	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		ug/kg dry	45.5	90.8	2	EPA 8270D	01/15/2023 10:06	01/16/2023 12:49	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: Q4-CS-Composite 2 **York Sample ID:** 23A0500-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0500	27-09 40th Ave LIC NY 19-401	Soil	January 10, 2023 1:30 pm	01/11/2023

Semi-Volatiles, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
208-96-8	Acenaphthylene	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications:	01/15/2023 10:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 12:49	KH
120-12-7	**Anthracene**	**65.3**	J	ug/kg dry	45.5	90.8	2	EPA 8270D Certifications:	01/15/2023 10:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 12:49	KH
56-55-3	**Benzo(a)anthracene**	**96.5**		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications:	01/15/2023 10:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 12:49	KH
50-32-8	**Benzo(a)pyrene**	**83.5**	J	ug/kg dry	45.5	90.8	2	EPA 8270D Certifications:	01/15/2023 10:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 12:49	KH
205-99-2	**Benzo(b)fluoranthene**	**71.8**	J	ug/kg dry	45.5	90.8	2	EPA 8270D Certifications:	01/15/2023 10:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 12:49	KH
191-24-2	**Benzo(g,h,i)perylene**	**55.9**	J	ug/kg dry	45.5	90.8	2	EPA 8270D Certifications:	01/15/2023 10:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 12:49	KH
207-08-9	**Benzo(k)fluoranthene**	**63.9**	J	ug/kg dry	45.5	90.8	2	EPA 8270D Certifications:	01/15/2023 10:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 12:49	KH
218-01-9	**Chrysene**	**100**		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications:	01/15/2023 10:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 12:49	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications:	01/15/2023 10:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 12:49	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications:	01/15/2023 10:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 12:49	KH
206-44-0	**Fluoranthene**	**232**		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications:	01/15/2023 10:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 12:49	KH
86-73-7	Fluorene	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications:	01/15/2023 10:06 NELAC-NY10854,NJDEP,PADEP	01/16/2023 12:49	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications:	01/15/2023 10:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 12:49	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**52.3**	J	ug/kg dry	45.5	90.8	2	EPA 8270D Certifications:	01/15/2023 10:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 12:49	KH
91-20-3	Naphthalene	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications:	01/15/2023 10:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 12:49	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications:	01/15/2023 10:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 12:49	KH
85-01-8	**Phenanthrene**	**213**		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications:	01/15/2023 10:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 12:49	KH
108-95-2	Phenol	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications:	01/15/2023 10:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 12:49	KH
129-00-0	**Pyrene**	**274**		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications:	01/15/2023 10:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 12:49	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*70.6 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*69.0 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*76.9 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*77.6 %*	*21-113*

Sample Information

Client Sample ID: Q4-CS-Composite 2 **York Sample ID:** 23A0500-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0500	27-09 40th Ave LIC NY 19-401	Soil	January 10, 2023 1:30 pm	01/11/2023

Semi-Volatiles, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*78.8 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*83.0 %*			*24-116*						

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/17/2023 00:05	ESJ
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/17/2023 00:05	ESJ
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/17/2023 00:05	ESJ
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/17/2023 00:05	ESJ
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/17/2023 00:05	ESJ
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/17/2023 00:05	ESJ
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/17/2023 00:05	ESJ
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/17/2023 00:05	ESJ
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/17/2023 00:05	ESJ
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/17/2023 00:05	ESJ
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/17/2023 00:05	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/17/2023 00:05	ESJ
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/17/2023 00:05	ESJ
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/17/2023 00:05	ESJ
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.436	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/17/2023 00:05	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/17/2023 00:05	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/17/2023 00:05	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/17/2023 00:05	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.871	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/17/2023 00:05	ESJ

Sample Information

Client Sample ID: Q4-CS-Composite 2 **York Sample ID:** 23A0500-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0500	27-09 40th Ave LIC NY 19-401	Soil	January 10, 2023 1:30 pm	01/11/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.871	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/17/2023 00:05	ESJ
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.871	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/17/2023 00:05	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.436	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/17/2023 00:05	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.436	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/17/2023 00:05	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.436	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/17/2023 00:05	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.436	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/17/2023 00:05	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/17/2023 00:05	ESJ
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.871	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/17/2023 00:05	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.871	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/17/2023 00:05	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.871	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/17/2023 00:05	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.871	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/17/2023 00:05	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	0.871	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/17/2023 00:05	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/17/2023 00:05	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/17/2023 00:05	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	1.09	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/17/2023 00:05	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	5.45	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/17/2023 00:05	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	5.45	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/17/2023 00:05	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	2.18	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/17/2023 00:05	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/17/2023 00:05	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	2.18	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/17/2023 00:05	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/17/2023 00:05	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*93.3 %*	*25-150*
Surrogate: M5PFHxA	*104 %*	*25-150*

Sample Information

Client Sample ID: Q4-CS-Composite 2 **York Sample ID:** 23A0500-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0500	27-09 40th Ave LIC NY 19-401	Soil	January 10, 2023 1:30 pm	01/11/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M4PFHpA	*98.0 %*			*25-150*					
	Surrogate: M3PFHxS	*103 %*			*25-150*					
	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*101 %*			*25-150*					
	Surrogate: M6PFDA	*106 %*			*25-150*					
	Surrogate: M7PFUdA	*94.8 %*			*25-150*					
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*66.5 %*			*25-150*					
	Surrogate: M2PFTeDA	*51.0 %*			*10-150*					
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*108 %*			*25-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*113 %*			*25-150*					
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*109 %*			*25-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*14.5 %*			*10-150*					
	Surrogate: d3-N-MeFOSAA	*84.3 %*			*25-150*					
	Surrogate: d5-N-EtFOSAA	*82.1 %*			*25-150*					
	Surrogate: M2-6:2 FTS	*89.6 %*			*25-200*					
	Surrogate: M2-8:2 FTS	*75.7 %*			*25-200*					
	Surrogate: M9PFNA	*115 %*			*25-150*					
	Surrogate: M2-4:2 FTS	*71.6 %*			*25-150*					
	Surrogate: d-N-MeFOSA	*19.1 %*			*25-150*					
	Surrogate: d-N-EtFOSA	*56.5 %*			*25-150*					
	Surrogate: M3HFPO-DA	*98.3 %*			*25-150*					
	Surrogate: d9-N-EtFOSE	*15.8 %*			*25-150*					
	Surrogate: d7-N-MeFOSE	*19.4 %*			*25-150*					

Pesticides, NYSDEC Part 375 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.64	5	EPA 8081B Certifications:	01/13/2023 08:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/17/2023 02:16	BJ
72-55-9	4,4'-DDE	ND		ug/kg dry	1.64	5	EPA 8081B Certifications:	01/13/2023 08:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/17/2023 02:16	BJ
50-29-3	4,4'-DDT	ND		ug/kg dry	1.64	5	EPA 8081B Certifications:	01/13/2023 08:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/17/2023 02:16	BJ
309-00-2	Aldrin	ND		ug/kg dry	1.64	5	EPA 8081B Certifications:	01/13/2023 08:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/17/2023 02:16	BJ
319-84-6	alpha-BHC	ND		ug/kg dry	1.64	5	EPA 8081B Certifications:	01/13/2023 08:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/17/2023 02:16	BJ

Sample Information

Client Sample ID: Q4-CS-Composite 2 **York Sample ID:** 23A0500-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0500	27-09 40th Ave LIC NY 19-401	Soil	January 10, 2023 1:30 pm	01/11/2023

Pesticides, NYSDEC Part 375 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
5103-71-9	**alpha-Chlordane**	**1.94**		ug/kg dry	1.64	5	EPA 8081B	01/13/2023 08:48	01/17/2023 02:16	BJ
							Certifications: NELAC-NY10854,NJDEP			
319-85-7	beta-BHC	ND		ug/kg dry	1.64	5	EPA 8081B	01/13/2023 08:48	01/17/2023 02:16	BJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
319-86-8	delta-BHC	ND		ug/kg dry	1.64	5	EPA 8081B	01/13/2023 08:48	01/17/2023 02:16	BJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
60-57-1	**Dieldrin**	**4.17**		ug/kg dry	1.64	5	EPA 8081B	01/13/2023 08:48	01/17/2023 02:16	BJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
959-98-8	Endosulfan I	ND		ug/kg dry	1.64	5	EPA 8081B	01/13/2023 08:48	01/17/2023 02:16	BJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
33213-65-9	Endosulfan II	ND		ug/kg dry	1.64	5	EPA 8081B	01/13/2023 08:48	01/17/2023 02:16	BJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.64	5	EPA 8081B	01/13/2023 08:48	01/17/2023 02:16	BJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
72-20-8	Endrin	ND		ug/kg dry	1.64	5	EPA 8081B	01/13/2023 08:48	01/17/2023 02:16	BJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.64	5	EPA 8081B	01/13/2023 08:48	01/17/2023 02:16	BJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
76-44-8	Heptachlor	ND		ug/kg dry	1.64	5	EPA 8081B	01/13/2023 08:48	01/17/2023 02:16	BJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*85.3 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*68.5 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0182	1	EPA 8082A	01/13/2023 08:48	01/16/2023 19:10	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0182	1	EPA 8082A	01/13/2023 08:48	01/16/2023 19:10	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0182	1	EPA 8082A	01/13/2023 08:48	01/16/2023 19:10	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0182	1	EPA 8082A	01/13/2023 08:48	01/16/2023 19:10	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0182	1	EPA 8082A	01/13/2023 08:48	01/16/2023 19:10	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0182	1	EPA 8082A	01/13/2023 08:48	01/16/2023 19:10	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0182	1	EPA 8082A	01/13/2023 08:48	01/16/2023 19:10	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0182	1	EPA 8082A	01/13/2023 08:48	01/16/2023 19:10	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: Q4-CS-Composite 2 **York Sample ID:** 23A0500-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0500	27-09 40th Ave LIC NY 19-401	Soil	January 10, 2023 1:30 pm	01/11/2023

Polychlorinated Biphenyls (PCB)

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*67.5 %*		*30-140*						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*75.0 %*		*30-140*						

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**	**1.54**		mg/kg dry	1.37	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:28	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**49.6**		mg/kg dry	2.28	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:28	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**0.576**		mg/kg dry	0.046	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:28	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.274	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:28	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**15.6**		mg/kg dry	0.457	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:28	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**17.3**		mg/kg dry	1.83	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:28	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**16.6**		mg/kg dry	0.457	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:28	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**338**		mg/kg dry	0.457	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:28	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**13.8**		mg/kg dry	0.910	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:28	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.28	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:28	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.460	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:28	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**41.3**		mg/kg dry	2.27	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:28	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0329	1	EPA 7473	01/12/2023 09:23	01/12/2023 15:32	MR
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

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

Sample Information

Client Sample ID: Q4-CS-Composite 2 **York Sample ID:** 23A0500-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0500	27-09 40th Ave LIC NY 19-401	Soil	January 10, 2023 1:30 pm	01/11/2023

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	0.548	1	EPA 7196A Certifications: NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP	01/12/2023 07:45	01/12/2023 14:01	LAR

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	0.548	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/12/2023 14:33	01/12/2023 20:19	SL

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.3**		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	01/13/2023 13:16	01/13/2023 15:59	LAR

Sample Information

Client Sample ID: Field Blank **York Sample ID:** 23A0500-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0500	27-09 40th Ave LIC NY 19-401	Water	January 10, 2023 5:00 pm	01/11/2023

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

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	1.88	1	EPA 1633 Draft 2 Certifications:	01/10/2023 18:00	01/13/2023 22:51	ESJ
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ng/L	1.88	1	EPA 1633 Draft 2 Certifications:	01/10/2023 18:00	01/13/2023 22:51	ESJ
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ng/L	1.88	1	EPA 1633 Draft 2 Certifications:	01/10/2023 18:00	01/13/2023 22:51	ESJ
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	1.88	1	EPA 1633 Draft 2 Certifications:	01/10/2023 18:00	01/13/2023 22:51	ESJ
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ng/L	1.88	1	EPA 1633 Draft 2 Certifications:	01/10/2023 18:00	01/13/2023 22:51	ESJ
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	1.88	1	EPA 1633 Draft 2 Certifications:	01/10/2023 18:00	01/13/2023 22:51	ESJ
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ng/L	1.88	1	EPA 1633 Draft 2 Certifications:	01/10/2023 18:00	01/13/2023 22:51	ESJ

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **23A0500-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0500	27-09 40th Ave LIC NY 19-401	Water	January 10, 2023 5:00 pm	01/11/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	1.88	1	EPA 1633 Draft 2 Certifications:	01/10/2023 18:00	01/13/2023 22:51	ESJ
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.88	1	EPA 1633 Draft 2 Certifications:	01/10/2023 18:00	01/13/2023 22:51	ESJ
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	1.88	1	EPA 1633 Draft 2 Certifications:	01/10/2023 18:00	01/13/2023 22:51	ESJ
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.88	1	EPA 1633 Draft 2 Certifications:	01/10/2023 18:00	01/13/2023 22:51	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.88	1	EPA 1633 Draft 2 Certifications:	01/10/2023 18:00	01/13/2023 22:51	ESJ
2355-31-9	* N-MeFOSAA	ND		ng/L	1.88	1	EPA 1633 Draft 2 Certifications:	01/10/2023 18:00	01/13/2023 22:51	ESJ
2991-50-6	* N-EtFOSAA	ND		ng/L	1.88	1	EPA 1633 Draft 2 Certifications:	01/10/2023 18:00	01/13/2023 22:51	ESJ
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ng/L	3.76	1	EPA 1633 Draft 2 Certifications:	01/10/2023 18:00	01/13/2023 22:51	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	1.88	1	EPA 1633 Draft 2 Certifications:	01/10/2023 18:00	01/13/2023 22:51	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	1.88	1	EPA 1633 Draft 2 Certifications:	01/10/2023 18:00	01/13/2023 22:51	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.88	1	EPA 1633 Draft 2 Certifications:	01/10/2023 18:00	01/13/2023 22:51	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	7.51	1	EPA 1633 Draft 2 Certifications:	01/10/2023 18:00	01/13/2023 22:51	ESJ
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	7.51	1	EPA 1633 Draft 2 Certifications:	01/10/2023 18:00	01/13/2023 22:51	ESJ
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	7.51	1	EPA 1633 Draft 2 Certifications:	01/10/2023 18:00	01/13/2023 22:51	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	3.76	1	EPA 1633 Draft 2 Certifications:	01/10/2023 18:00	01/13/2023 22:51	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	3.76	1	EPA 1633 Draft 2 Certifications:	01/10/2023 18:00	01/13/2023 22:51	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	3.76	1	EPA 1633 Draft 2 Certifications:	01/10/2023 18:00	01/13/2023 22:51	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	3.76	1	EPA 1633 Draft 2 Certifications:	01/10/2023 18:00	01/13/2023 22:51	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	1.88	1	EPA 1633 Draft 2 Certifications:	01/10/2023 18:00	01/13/2023 22:51	ESJ
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	7.51	1	EPA 1633 Draft 2 Certifications:	01/10/2023 18:00	01/13/2023 22:51	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ng/L	7.51	1	EPA 1633 Draft 2 Certifications:	01/10/2023 18:00	01/13/2023 22:51	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ng/L	7.51	1	EPA 1633 Draft 2 Certifications:	01/10/2023 18:00	01/13/2023 22:51	ESJ

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **23A0500-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0500	27-09 40th Ave LIC NY 19-401	Water	January 10, 2023 5:00 pm	01/11/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
756426-58-1	* 9CL-PF3ONS	ND		ng/L	7.51	1	EPA 1633 Draft 2 Certifications:	01/10/2023 18:00	01/13/2023 22:51	ESJ
919005-14-4	* ADONA	ND		ng/L	7.51	1	EPA 1633 Draft 2 Certifications:	01/10/2023 18:00	01/13/2023 22:51	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	1.88	1	EPA 1633 Draft 2 Certifications:	01/10/2023 18:00	01/13/2023 22:51	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	1.88	1	EPA 1633 Draft 2 Certifications:	01/10/2023 18:00	01/13/2023 22:51	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	4.70	1	EPA 1633 Draft 2 Certifications:	01/10/2023 18:00	01/13/2023 22:51	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	23.5	1	EPA 1633 Draft 2 Certifications:	01/10/2023 18:00	01/13/2023 22:51	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	23.5	1	EPA 1633 Draft 2 Certifications:	01/10/2023 18:00	01/13/2023 22:51	ESJ
24448-09-7	* N-MeFOSE	ND		ng/L	18.8	1	EPA 1633 Draft 2 Certifications:	01/10/2023 18:00	01/13/2023 22:51	ESJ
31506-32-8	* N-MeFOSA	ND		ng/L	1.88	1	EPA 1633 Draft 2 Certifications:	01/10/2023 18:00	01/13/2023 22:51	ESJ
1691-99-2	* N-EtFOSE	ND		ng/L	18.8	1	EPA 1633 Draft 2 Certifications:	01/10/2023 18:00	01/13/2023 22:51	ESJ
4151-50-2	* **N-EtFOSA**	**0.646**	B	ng/L	0.188	1	EPA 1633 Draft 2 Certifications:	01/10/2023 18:00	01/13/2023 22:51	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*106 %*	*25-150*
Surrogate: M5PFHxA	*117 %*	*25-150*
Surrogate: M4PFHpA	*106 %*	*25-150*
Surrogate: M3PFHxS	*122 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*103 %*	*25-150*
Surrogate: M6PFDA	*115 %*	*25-150*
Surrogate: M7PFUdA	*94.7 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*82.1 %*	*25-150*
Surrogate: M2PFTeDA	*73.6 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*117 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*125 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*118 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*12.0 %*	*10-150*
Surrogate: d3-N-MeFOSAA	*93.7 %*	*25-150*
Surrogate: d5-N-EtFOSAA	*89.3 %*	*25-150*

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **23A0500-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0500	27-09 40th Ave LIC NY 19-401	Water	January 10, 2023 5:00 pm	01/11/2023

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

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M2-6:2 FTS	*92.9 %*		*25-200*						
	Surrogate: M2-8:2 FTS	*86.1 %*		*25-200*						
	Surrogate: M9PFNA	*120 %*		*25-150*						
	Surrogate: M2-4:2 FTS	*89.5 %*		*25-150*						
	Surrogate: d-N-MeFOSA	*22.1 %*		*25-150*						
	Surrogate: d-N-EtFOSA	*48.9 %*		*25-150*						
	Surrogate: M3HFPO-DA	*100 %*		*25-150*						
	Surrogate: d9-N-EtFOSE	*15.9 %*		*25-150*						
	Surrogate: d7-N-MeFOSE	*16.8 %*		*25-150*						

Sample Information

Client Sample ID: **Q4-CS-Grab 1** **York Sample ID:** **23A0500-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0500	27-09 40th Ave LIC NY 19-401	Soil	January 10, 2023 1:05 pm	01/11/2023

Volatile Organics, NYSDEC Part 375 List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 17:45	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 17:45	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 17:45	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 17:45	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 17:45	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 17:45	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 17:45	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 17:45	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 17:45	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		ug/kg dry	58	120	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 17:45	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: Q4-CS-Grab 1 **York Sample ID:** 23A0500-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0500	27-09 40th Ave LIC NY 19-401	Soil	January 10, 2023 1:05 pm	01/11/2023

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 17:45	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	Acetone	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 17:45	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 17:45	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 17:45	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 17:45	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 17:45	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 17:45	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 17:45	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 17:45	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-09-2	Methylene chloride	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 17:45	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
91-20-3	Naphthalene	ND		ug/kg dry	2.9	12	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 17:45	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 17:45	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 17:45	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-47-6	o-Xylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 17:45	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 17:45	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 17:45	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 17:45	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
127-18-4	**Tetrachloroethylene**	**8.9**		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 17:45	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
108-88-3	Toluene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 17:45	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 17:45	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-01-6	Trichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 17:45	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 17:45	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.6	17	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 17:45	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: Q4-CS-Grab 1 **York Sample ID:** 23A0500-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0500	27-09 40th Ave LIC NY 19-401	Soil	January 10, 2023 1:05 pm	01/11/2023

Volatile Organics, NYSDEC Part 375 List

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*	*86.2 %*			*77-125*						
2037-26-5	*Surrogate: SURR: Toluene-d8*	*92.5 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*93.1 %*			*76-130*						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.3**		%	0.100	1	SM 2540G	01/13/2023 19:08	01/13/2023 21:11	AGNR
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: Q4-CS-Grab 2 **York Sample ID:** 23A0500-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0500	27-09 40th Ave LIC NY 19-401	Soil	January 10, 2023 1:05 pm	01/11/2023

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	01/16/2023 09:00	01/16/2023 18:13	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	01/16/2023 09:00	01/16/2023 18:13	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	01/16/2023 09:00	01/16/2023 18:13	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	01/16/2023 09:00	01/16/2023 18:13	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	01/16/2023 09:00	01/16/2023 18:13	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	01/16/2023 09:00	01/16/2023 18:13	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
108-67-8	**1,3,5-Trimethylbenzene**	**3.6**	J	ug/kg dry	2.8	5.5	1	EPA 8260C	01/16/2023 09:00	01/16/2023 18:13	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA			
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	01/16/2023 09:00	01/16/2023 18:13	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	01/16/2023 09:00	01/16/2023 18:13	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			

Sample Information

Client Sample ID: Q4-CS-Grab 2 **York Sample ID:** 23A0500-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0500	27-09 40th Ave LIC NY 19-401	Soil	January 10, 2023 1:05 pm	01/11/2023

Volatile Organics, NYSDEC Part 375 List

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
123-91-1	1,4-Dioxane	ND		ug/kg dry	55	110	1	EPA 8260C Certifications:	01/16/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/16/2023 18:13	FTR
78-93-3	2-Butanone	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	01/16/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/16/2023 18:13	FTR
67-64-1	Acetone	ND		ug/kg dry	5.5	11	1	EPA 8260C Certifications:	01/16/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/16/2023 18:13	FTR
71-43-2	Benzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	01/16/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/16/2023 18:13	FTR
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	01/16/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/16/2023 18:13	FTR
108-90-7	Chlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	01/16/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/16/2023 18:13	FTR
67-66-3	Chloroform	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	01/16/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/16/2023 18:13	FTR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	01/16/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/16/2023 18:13	FTR
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	01/16/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/16/2023 18:13	FTR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	01/16/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/16/2023 18:13	FTR
75-09-2	Methylene chloride	ND		ug/kg dry	5.5	11	1	EPA 8260C Certifications:	01/16/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/16/2023 18:13	FTR
91-20-3	Naphthalene	ND		ug/kg dry	2.8	11	1	EPA 8260C Certifications:	01/16/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/16/2023 18:13	FTR
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	01/16/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/16/2023 18:13	FTR
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	01/16/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/16/2023 18:13	FTR
95-47-6	o-Xylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	01/16/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	01/16/2023 18:13	FTR
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.5	11	1	EPA 8260C Certifications:	01/16/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	01/16/2023 18:13	FTR
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	01/16/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/16/2023 18:13	FTR
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	01/16/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/16/2023 18:13	FTR
127-18-4	**Tetrachloroethylene**	**41**		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	01/16/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	01/16/2023 18:13	FTR
108-88-3	Toluene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	01/16/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/16/2023 18:13	FTR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	01/16/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/16/2023 18:13	FTR
79-01-6	Trichloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	01/16/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/16/2023 18:13	FTR
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	01/16/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/16/2023 18:13	FTR

Sample Information

Client Sample ID: Q4-CS-Grab 2 **York Sample ID:** 23A0500-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0500	27-09 40th Ave LIC NY 19-401	Soil	January 10, 2023 1:05 pm	01/11/2023

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.3	17	1	EPA 8260C	01/16/2023 09:00	01/16/2023 18:13	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*83.1 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*93.8 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*93.7 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.8**		%	0.100	1	SM 2540G	01/13/2023 19:08	01/13/2023 21:11	AGNR
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: Q4-CS-Grab 3 **York Sample ID:** 23A0500-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0500	27-09 40th Ave LIC NY 19-401	Soil	January 10, 2023 1:10 pm	01/11/2023

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C	01/16/2023 09:00	01/16/2023 18:40	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C	01/16/2023 09:00	01/16/2023 18:40	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C	01/16/2023 09:00	01/16/2023 18:40	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C	01/16/2023 09:00	01/16/2023 18:40	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C	01/16/2023 09:00	01/16/2023 18:40	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C	01/16/2023 09:00	01/16/2023 18:40	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C	01/16/2023 09:00	01/16/2023 18:40	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: Q4-CS-Grab 3 **York Sample ID:** 23A0500-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0500	27-09 40th Ave LIC NY 19-401	Soil	January 10, 2023 1:10 pm	01/11/2023

Volatile Organics, NYSDEC Part 375 List

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
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 18:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 18:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		ug/kg dry	65	130	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 18:40	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 18:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	Acetone	ND		ug/kg dry	6.5	13	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 18:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 18:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 18:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 18:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	**Chloroform**	**5.7**	J	ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 18:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 18:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 18:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 18:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-09-2	**Methylene chloride**	**16**		ug/kg dry	6.5	13	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 18:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
91-20-3	Naphthalene	ND		ug/kg dry	3.3	13	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 18:40	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 18:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 18:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-47-6	o-Xylene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 18:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.5	13	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 18:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 18:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 18:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 18:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-88-3	Toluene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 18:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 18:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: Q4-CS-Grab 3 **York Sample ID:** 23A0500-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0500	27-09 40th Ave LIC NY 19-401	Soil	January 10, 2023 1:10 pm	01/11/2023

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C	01/16/2023 09:00	01/16/2023 18:40	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.3	6.5	1	EPA 8260C	01/16/2023 09:00	01/16/2023 18:40	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		ug/kg dry	9.8	20	1	EPA 8260C	01/16/2023 09:00	01/16/2023 18:40	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*88.5 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*93.7 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*94.8 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.9**		%	0.100	1	SM 2540G	01/13/2023 19:08	01/13/2023 21:11	AGNR
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: Q4-CS-Grab 4 **York Sample ID:** 23A0500-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0500	27-09 40th Ave LIC NY 19-401	Soil	January 10, 2023 1:15 pm	01/11/2023

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	01/16/2023 09:00	01/16/2023 19:07	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	01/16/2023 09:00	01/16/2023 19:07	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	01/16/2023 09:00	01/16/2023 19:07	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	01/16/2023 09:00	01/16/2023 19:07	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	01/16/2023 09:00	01/16/2023 19:07	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: Q4-CS-Grab 4 **York Sample ID:** 23A0500-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0500	27-09 40th Ave LIC NY 19-401	Soil	January 10, 2023 1:15 pm	01/11/2023

Volatile Organics, NYSDEC Part 375 List

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		ug/kg dry	2.8	5.6	1	EPA 8260C	01/16/2023 09:00	01/16/2023 19:07	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	01/16/2023 09:00	01/16/2023 19:07	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	01/16/2023 09:00	01/16/2023 19:07	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	01/16/2023 09:00	01/16/2023 19:07	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
123-91-1	1,4-Dioxane	ND		ug/kg dry	56	110	1	EPA 8260C	01/16/2023 09:00	01/16/2023 19:07	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	01/16/2023 09:00	01/16/2023 19:07	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-64-1	Acetone	ND		ug/kg dry	5.6	11	1	EPA 8260C	01/16/2023 09:00	01/16/2023 19:07	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-43-2	Benzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	01/16/2023 09:00	01/16/2023 19:07	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	01/16/2023 09:00	01/16/2023 19:07	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-90-7	Chlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	01/16/2023 09:00	01/16/2023 19:07	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-66-3	Chloroform	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	01/16/2023 09:00	01/16/2023 19:07	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	01/16/2023 09:00	01/16/2023 19:07	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	01/16/2023 09:00	01/16/2023 19:07	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	01/16/2023 09:00	01/16/2023 19:07	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-09-2	Methylene chloride	ND		ug/kg dry	5.6	11	1	EPA 8260C	01/16/2023 09:00	01/16/2023 19:07	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
91-20-3	Naphthalene	ND		ug/kg dry	2.8	11	1	EPA 8260C	01/16/2023 09:00	01/16/2023 19:07	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	01/16/2023 09:00	01/16/2023 19:07	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	01/16/2023 09:00	01/16/2023 19:07	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-47-6	o-Xylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	01/16/2023 09:00	01/16/2023 19:07	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.6	11	1	EPA 8260C	01/16/2023 09:00	01/16/2023 19:07	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	01/16/2023 09:00	01/16/2023 19:07	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	01/16/2023 09:00	01/16/2023 19:07	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
127-18-4	**Tetrachloroethylene**	**23**		ug/kg dry	2.8	5.6	1	EPA 8260C	01/16/2023 09:00	01/16/2023 19:07	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		

Sample Information

Client Sample ID: Q4-CS-Grab 4 **York Sample ID:** 23A0500-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0500	27-09 40th Ave LIC NY 19-401	Soil	January 10, 2023 1:15 pm	01/11/2023

Volatile Organics, NYSDEC Part 375 List

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		ug/kg dry	2.8	5.6	1	EPA 8260C	01/16/2023 09:00	01/16/2023 19:07	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	01/16/2023 09:00	01/16/2023 19:07	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-01-6	Trichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	01/16/2023 09:00	01/16/2023 19:07	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	01/16/2023 09:00	01/16/2023 19:07	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.3	17	1	EPA 8260C	01/16/2023 09:00	01/16/2023 19:07	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*84.3 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.3 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*95.2 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**92.9**		%	0.100	1	SM 2540G	01/13/2023 19:08	01/13/2023 21:11	AGNR
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: Q4-CS-Grab 5 **York Sample ID:** 23A0500-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0500	27-09 40th Ave LIC NY 19-401	Soil	January 10, 2023 12:55 pm	01/11/2023

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.1	6.3	1	EPA 8260C	01/17/2023 09:00	01/17/2023 13:30	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.1	6.3	1	EPA 8260C	01/17/2023 09:00	01/17/2023 13:30	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C	01/17/2023 09:00	01/17/2023 13:30	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: Q4-CS-Grab 5 **York Sample ID:** 23A0500-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0500	27-09 40th Ave LIC NY 19-401	Soil	January 10, 2023 12:55 pm	01/11/2023

Volatile Organics, NYSDEC Part 375 List

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		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications:	01/17/2023 09:00	01/17/2023 13:30	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications:	01/17/2023 09:00	01/17/2023 13:30	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications:	01/17/2023 09:00	01/17/2023 13:30	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications:	01/17/2023 09:00	01/17/2023 13:30	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications:	01/17/2023 09:00	01/17/2023 13:30	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications:	01/17/2023 09:00	01/17/2023 13:30	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		ug/kg dry	63	130	1	EPA 8260C Certifications:	01/17/2023 09:00	01/17/2023 13:30	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications:	01/17/2023 09:00	01/17/2023 13:30	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	Acetone	ND		ug/kg dry	6.3	13	1	EPA 8260C Certifications:	01/17/2023 09:00	01/17/2023 13:30	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications:	01/17/2023 09:00	01/17/2023 13:30	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications:	01/17/2023 09:00	01/17/2023 13:30	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications:	01/17/2023 09:00	01/17/2023 13:30	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications:	01/17/2023 09:00	01/17/2023 13:30	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications:	01/17/2023 09:00	01/17/2023 13:30	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications:	01/17/2023 09:00	01/17/2023 13:30	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications:	01/17/2023 09:00	01/17/2023 13:30	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-09-2	Methylene chloride	ND		ug/kg dry	6.3	13	1	EPA 8260C Certifications:	01/17/2023 09:00	01/17/2023 13:30	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
91-20-3	Naphthalene	ND		ug/kg dry	3.1	13	1	EPA 8260C Certifications:	01/17/2023 09:00	01/17/2023 13:30	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications:	01/17/2023 09:00	01/17/2023 13:30	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications:	01/17/2023 09:00	01/17/2023 13:30	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-47-6	o-Xylene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications:	01/17/2023 09:00	01/17/2023 13:30	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.3	13	1	EPA 8260C Certifications:	01/17/2023 09:00	01/17/2023 13:30	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications:	01/17/2023 09:00	01/17/2023 13:30	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: Q4-CS-Grab 5 **York Sample ID:** 23A0500-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0500	27-09 40th Ave LIC NY 19-401	Soil	January 10, 2023 12:55 pm	01/11/2023

Volatile Organics, NYSDEC Part 375 List

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
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C	01/17/2023 09:00	01/17/2023 13:30	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
127-18-4	**Tetrachloroethylene**	**10000**		ug/kg dry	510	1000	200	EPA 8260C	01/18/2023 09:00	01/18/2023 13:11	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
108-88-3	Toluene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C	01/17/2023 09:00	01/17/2023 13:30	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C	01/17/2023 09:00	01/17/2023 13:30	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-01-6	Trichloroethylene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C	01/17/2023 09:00	01/17/2023 13:30	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.1	6.3	1	EPA 8260C	01/17/2023 09:00	01/17/2023 13:30	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		ug/kg dry	9.4	19	1	EPA 8260C	01/17/2023 09:00	01/17/2023 13:30	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*86.9 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*91.1 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*95.5 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.9**		%	0.100	1	SM 2540G	01/13/2023 19:08	01/13/2023 21:11	AGNR
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: Q4-CS-Grab 6 **York Sample ID:** 23A0500-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0500	27-09 40th Ave LIC NY 19-401	Soil	January 10, 2023 1:00 pm	01/11/2023

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/17/2023 09:00	01/17/2023 14:07	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: Q4-CS-Grab 6 **York Sample ID:** 23A0500-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0500	27-09 40th Ave LIC NY 19-401	Soil	January 10, 2023 1:00 pm	01/11/2023

Volatile Organics, NYSDEC Part 375 List

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
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications:	01/17/2023 09:00	01/17/2023 14:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications:	01/17/2023 09:00	01/17/2023 14:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications:	01/17/2023 09:00	01/17/2023 14:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications:	01/17/2023 09:00	01/17/2023 14:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications:	01/17/2023 09:00	01/17/2023 14:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications:	01/17/2023 09:00	01/17/2023 14:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications:	01/17/2023 09:00	01/17/2023 14:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications:	01/17/2023 09:00	01/17/2023 14:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
123-91-1	1,4-Dioxane	ND		ug/kg dry	64	130	1	EPA 8260C Certifications:	01/17/2023 09:00	01/17/2023 14:07 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
78-93-3	2-Butanone	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications:	01/17/2023 09:00	01/17/2023 14:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
67-64-1	Acetone	ND		ug/kg dry	6.4	13	1	EPA 8260C Certifications:	01/17/2023 09:00	01/17/2023 14:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
71-43-2	Benzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications:	01/17/2023 09:00	01/17/2023 14:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications:	01/17/2023 09:00	01/17/2023 14:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-90-7	Chlorobenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications:	01/17/2023 09:00	01/17/2023 14:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
67-66-3	Chloroform	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications:	01/17/2023 09:00	01/17/2023 14:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications:	01/17/2023 09:00	01/17/2023 14:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications:	01/17/2023 09:00	01/17/2023 14:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications:	01/17/2023 09:00	01/17/2023 14:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-09-2	Methylene chloride	ND		ug/kg dry	6.4	13	1	EPA 8260C Certifications:	01/17/2023 09:00	01/17/2023 14:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
91-20-3	Naphthalene	ND		ug/kg dry	3.2	13	1	EPA 8260C Certifications:	01/17/2023 09:00	01/17/2023 14:07 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications:	01/17/2023 09:00	01/17/2023 14:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications:	01/17/2023 09:00	01/17/2023 14:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
95-47-6	o-Xylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications:	01/17/2023 09:00	01/17/2023 14:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	FTR

Sample Information

Client Sample ID: Q4-CS-Grab 6 **York Sample ID:** 23A0500-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0500	27-09 40th Ave LIC NY 19-401	Soil	January 10, 2023 1:00 pm	01/11/2023

Volatile Organics, NYSDEC Part 375 List

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
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.4	13	1	EPA 8260C	01/17/2023 09:00	01/17/2023 14:07	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/17/2023 09:00	01/17/2023 14:07	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/17/2023 09:00	01/17/2023 14:07	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
127-18-4	**Tetrachloroethylene**	**22**		ug/kg dry	3.2	6.4	1	EPA 8260C	01/17/2023 09:00	01/17/2023 14:07	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
108-88-3	Toluene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/17/2023 09:00	01/17/2023 14:07	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/17/2023 09:00	01/17/2023 14:07	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-01-6	Trichloroethylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/17/2023 09:00	01/17/2023 14:07	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/17/2023 09:00	01/17/2023 14:07	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		ug/kg dry	9.6	19	1	EPA 8260C	01/17/2023 09:00	01/17/2023 14:07	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*87.1 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*91.8 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*95.2 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.2**		%	0.100	1	SM 2540G	01/13/2023 19:08	01/13/2023 21:11	AGNR
							Certifications:	CTDOH-PH-0723		

Analytical Batch Summary

Batch ID: BA30361 **Preparation Method:** EPA 1633 Prep **Prepared By:** BAMW

YORK Sample ID	Client Sample ID	Preparation Date
23A0500-01	Q4-CS-Composite 1	01/10/23
23A0500-02	Q4-CS-Composite 2	01/10/23
BA30361-BLK1	Blank	01/10/23
BA30361-BS1	LCS	01/10/23
BA30361-BS2	LCS	01/10/23
BA30361-DUP1	Duplicate	01/10/23

Batch ID: BA30396 **Preparation Method:** EPA 1633 Prep **Prepared By:** BAMW

YORK Sample ID	Client Sample ID	Preparation Date
23A0500-03	Field Blank	01/10/23
BA30396-BLK1	Blank	01/10/23
BA30396-BS1	LCS	01/10/23
BA30396-BS2	LCS	01/10/23

Batch ID: BA30524 **Preparation Method:** EPA SW846-3060 **Prepared By:** LAR

YORK Sample ID	Client Sample ID	Preparation Date
23A0500-01	Q4-CS-Composite 1	01/12/23
23A0500-02	Q4-CS-Composite 2	01/12/23
BA30524-BLK1	Blank	01/12/23
BA30524-DUP1	Duplicate	01/12/23
BA30524-MS1	Matrix Spike	01/12/23
BA30524-SRM1	Reference	01/12/23

Batch ID: BA30555 **Preparation Method:** EPA 7473 soil **Prepared By:** MR

YORK Sample ID	Client Sample ID	Preparation Date
23A0500-01	Q4-CS-Composite 1	01/12/23
23A0500-02	Q4-CS-Composite 2	01/12/23
BA30555-BLK1	Blank	01/12/23
BA30555-DUP1	Duplicate	01/12/23
BA30555-MS1	Matrix Spike	01/12/23
BA30555-SRM1	Reference	01/12/23

Batch ID: BA30575 **Preparation Method:** Analysis Preparation Soil **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
23A0500-01	Q4-CS-Composite 1	01/12/23
23A0500-02	Q4-CS-Composite 2	01/12/23
BA30575-BLK1	Blank	01/12/23
BA30575-DUP1	Duplicate	01/12/23
BA30575-MS1	Matrix Spike	01/12/23

BA30575-SRM1	Reference	01/12/23

Batch ID: BA30618 **Preparation Method:** EPA 3550C **Prepared By:** FK

YORK Sample ID	Client Sample ID	Preparation Date
23A0500-01	Q4-CS-Composite 1	01/13/23
23A0500-01	Q4-CS-Composite 1	01/13/23
23A0500-02	Q4-CS-Composite 2	01/13/23
23A0500-02	Q4-CS-Composite 2	01/13/23
BA30618-BLK1	Blank	01/13/23
BA30618-BLK2	Blank	01/13/23
BA30618-BS1	LCS	01/13/23
BA30618-BS2	LCS	01/13/23
BA30618-MS2	Matrix Spike	01/13/23
BA30618-MSD2	Matrix Spike Dup	01/13/23

Batch ID: BA30650 **Preparation Method:** % Solids Prep **Prepared By:** LAR

YORK Sample ID	Client Sample ID	Preparation Date
23A0500-01	Q4-CS-Composite 1	01/13/23
23A0500-02	Q4-CS-Composite 2	01/13/23
BA30650-DUP1	Duplicate	01/13/23

Batch ID: BA30667 **Preparation Method:** % Solids Prep **Prepared By:** AGNR

YORK Sample ID	Client Sample ID	Preparation Date
23A0500-04	Q4-CS-Grab 1	01/13/23
23A0500-05	Q4-CS-Grab 2	01/13/23
23A0500-06	Q4-CS-Grab 3	01/13/23
23A0500-07	Q4-CS-Grab 4	01/13/23
23A0500-08	Q4-CS-Grab 5	01/13/23
23A0500-09	Q4-CS-Grab 6	01/13/23
BA30667-DUP1	Duplicate	01/13/23

Batch ID: BA30673 **Preparation Method:** EPA 3550C **Prepared By:** CLO

YORK Sample ID	Client Sample ID	Preparation Date
23A0500-01	Q4-CS-Composite 1	01/15/23
23A0500-02	Q4-CS-Composite 2	01/15/23
BA30673-BLK1	Blank	01/15/23
BA30673-BS1	LCS	01/15/23
BA30673-MS1	Matrix Spike	01/15/23
BA30673-MSD1	Matrix Spike Dup	01/15/23

Batch ID: BA30701 **Preparation Method:** EPA 5035A **Prepared By:** FTR

YORK Sample ID	Client Sample ID	Preparation Date
23A0500-04	Q4-CS-Grab 1	01/16/23

23A0500-05	Q4-CS-Grab 2	01/16/23
23A0500-06	Q4-CS-Grab 3	01/16/23
23A0500-07	Q4-CS-Grab 4	01/16/23
BA30701-BLK1	Blank	01/16/23
BA30701-BLK2	Blank	01/16/23
BA30701-BS1	LCS	01/16/23
BA30701-BSD1	LCS Dup	01/16/23

Batch ID: BA30733 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
23A0500-01	Q4-CS-Composite 1	01/16/23
23A0500-02	Q4-CS-Composite 2	01/16/23
BA30733-BLK1	Blank	01/16/23
BA30733-DUP1	Duplicate	01/16/23
BA30733-MS1	Matrix Spike	01/16/23
BA30733-PS1	Post Spike	01/16/23
BA30733-SRM1	Reference	01/16/23

Batch ID: BA30802 **Preparation Method:** EPA 5035A **Prepared By:** FTR

YORK Sample ID	Client Sample ID	Preparation Date
23A0500-08	Q4-CS-Grab 5	01/17/23
23A0500-09	Q4-CS-Grab 6	01/17/23
BA30802-BLK1	Blank	01/17/23
BA30802-BLK2	Blank	01/17/23
BA30802-BS1	LCS	01/17/23
BA30802-BSD1	LCS Dup	01/17/23

Batch ID: BA30888 **Preparation Method:** EPA 5035A **Prepared By:** FTR

YORK Sample ID	Client Sample ID	Preparation Date
23A0500-08RE1	Q4-CS-Grab 5	01/18/23
BA30888-BLK1	Blank	01/18/23
BA30888-BLK2	Blank	01/18/23
BA30888-BS1	LCS	01/18/23
BA30888-BSD1	LCS Dup	01/18/23

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 BA30701 - EPA 5035A											
Blank (BA30701-BLK1)									Prepared & Analyzed: 01/16/2023		
1,1,1-Trichloroethane	ND	5.0	ug/kg wet								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2-Butanone	ND	5.0	"								
Acetone	ND	10	"								
Benzene	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroform	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	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	"								
sec-Butylbenzene	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*42.9*		*ug/L*	*50.0*		*85.8*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.0*		*"*	*50.0*		*94.0*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*47.1*		*"*	*50.0*		*94.2*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30701 - EPA 5035A											
Blank (BA30701-BLK2)											
1,1,1-Trichloroethane	ND	500	ug/kg wet								
1,1-Dichloroethane	ND	500	"								
1,1-Dichloroethylene	ND	500	"								
1,2,4-Trimethylbenzene	ND	500	"								
1,2-Dichlorobenzene	ND	500	"								
1,2-Dichloroethane	ND	500	"								
1,3,5-Trimethylbenzene	ND	500	"								
1,3-Dichlorobenzene	ND	500	"								
1,4-Dichlorobenzene	ND	500	"								
1,4-Dioxane	ND	10000	"								
2-Butanone	ND	500	"								
Acetone	ND	1000	"								
Benzene	ND	500	"								
Carbon tetrachloride	ND	500	"								
Chlorobenzene	ND	500	"								
Chloroform	ND	500	"								
cis-1,2-Dichloroethylene	ND	500	"								
Ethyl Benzene	ND	500	"								
Methyl tert-butyl ether (MTBE)	ND	500	"								
Methylene chloride	ND	1000	"								
Naphthalene	ND	1000	"								
n-Butylbenzene	ND	500	"								
n-Propylbenzene	ND	500	"								
o-Xylene	ND	500	"								
p- & m- Xylenes	ND	1000	"								
sec-Butylbenzene	ND	500	"								
tert-Butylbenzene	ND	500	"								
Tetrachloroethylene	ND	500	"								
Toluene	ND	500	"								
trans-1,2-Dichloroethylene	ND	500	"								
Trichloroethylene	ND	500	"								
Vinyl Chloride	ND	500	"								
Xylenes, Total	ND	1500	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*42.1*		*ug/L*	*50.0*		*84.3*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.5*		*"*	*50.0*		*95.0*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*47.1*		*"*	*50.0*		*94.1*	*76-130*				

Prepared & Analyzed: 01/16/2023

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 BA30701 - EPA 5035A											
LCS (BA30701-BS1)								Prepared & Analyzed: 01/16/2023			
1,1,1-Trichloroethane	47		ug/L	50.0		94.6	71-137				
1,1-Dichloroethane	49		"	50.0		98.8	75-130				
1,1-Dichloroethylene	49		"	50.0		97.4	64-137				
1,2,4-Trimethylbenzene	44		"	50.0		88.6	84-125				
1,2-Dichlorobenzene	46		"	50.0		92.6	85-122				
1,2-Dichloroethane	44		"	50.0		87.6	71-133				
1,3,5-Trimethylbenzene	43		"	50.0		85.7	82-126				
1,3-Dichlorobenzene	47		"	50.0		94.0	84-124				
1,4-Dichlorobenzene	46		"	50.0		93.0	84-124				
1,4-Dioxane	1000		"	1050		95.3	10-228				
2-Butanone	50		"	50.0		99.9	58-147				
Acetone	34		"	50.0		67.3	36-155				
Benzene	54		"	50.0		107	77-127				
Carbon tetrachloride	47		"	50.0		93.9	66-143				
Chlorobenzene	50		"	50.0		99.6	86-120				
Chloroform	48		"	50.0		95.4	76-131				
cis-1,2-Dichloroethylene	49		"	50.0		98.2	74-132				
Ethyl Benzene	45		"	50.0		89.8	84-125				
Methyl tert-butyl ether (MTBE)	52		"	50.0		104	74-131				
Methylene chloride	50		"	50.0		99.7	57-141				
Naphthalene	46		"	50.0		91.8	86-141				
n-Butylbenzene	43		"	50.0		85.9	80-130				
n-Propylbenzene	44		"	50.0		88.1	74-136				
o-Xylene	45		"	50.0		89.2	83-123				
p- & m- Xylenes	89		"	100		89.1	82-128				
sec-Butylbenzene	44		"	50.0		88.8	83-125				
tert-Butylbenzene	40		"	50.0		79.9	80-127	Low Bias			
Tetrachloroethylene	40		"	50.0		80.3	80-129				
Toluene	46		"	50.0		92.3	85-121				
trans-1,2-Dichloroethylene	51		"	50.0		102	72-132				
Trichloroethylene	45		"	50.0		89.3	84-123				
Vinyl Chloride	55		"	50.0		110	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*42.5*		*"*	*50.0*		*84.9*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.2*		*"*	*50.0*		*94.4*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*46.3*		*"*	*50.0*		*92.6*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30701 - EPA 5035A											
LCS Dup (BA30701-BSD1)								Prepared & Analyzed: 01/16/2023			
1,1,1-Trichloroethane	49		ug/L	50.0		97.4	71-137		2.88	30	
1,1-Dichloroethane	51		"	50.0		102	75-130		2.87	30	
1,1-Dichloroethylene	50		"	50.0		100	64-137		3.03	30	
1,2,4-Trimethylbenzene	45		"	50.0		89.4	84-125		0.831	30	
1,2-Dichlorobenzene	47		"	50.0		93.6	85-122		1.14	30	
1,2-Dichloroethane	45		"	50.0		90.3	71-133		3.03	30	
1,3,5-Trimethylbenzene	43		"	50.0		87.0	82-126		1.46	30	
1,3-Dichlorobenzene	47		"	50.0		94.6	84-124		0.573	30	
1,4-Dichlorobenzene	47		"	50.0		93.1	84-124		0.0860	30	
1,4-Dioxane	1100		"	1050		101	10-228		6.12	30	
2-Butanone	54		"	50.0		107	58-147		7.26	30	
Acetone	36		"	50.0		71.9	36-155		6.61	30	
Benzene	55		"	50.0		110	77-127		2.40	30	
Carbon tetrachloride	48		"	50.0		96.8	66-143		3.08	30	
Chlorobenzene	50		"	50.0		99.9	86-120		0.261	30	
Chloroform	50		"	50.0		99.0	76-131		3.77	30	
cis-1,2-Dichloroethylene	51		"	50.0		102	74-132		3.26	30	
Ethyl Benzene	45		"	50.0		90.3	84-125		0.577	30	
Methyl tert-butyl ether (MTBE)	54		"	50.0		108	74-131		3.87	30	
Methylene chloride	52		"	50.0		103	57-141		3.41	30	
Naphthalene	46		"	50.0		93.0	86-141		1.23	30	
n-Butylbenzene	43		"	50.0		86.4	80-130		0.557	30	
n-Propylbenzene	44		"	50.0		89.0	74-136		1.06	30	
o-Xylene	45		"	50.0		89.4	83-123		0.291	30	
p- & m- Xylenes	90		"	100		89.6	82-128		0.604	30	
sec-Butylbenzene	45		"	50.0		89.8	83-125		1.14	30	
tert-Butylbenzene	41		"	50.0		81.1	80-127		1.47	30	
Tetrachloroethylene	40		"	50.0		80.7	80-129		0.546	30	
Toluene	46		"	50.0		92.8	85-121		0.540	30	
trans-1,2-Dichloroethylene	52		"	50.0		105	72-132		2.36	30	
Trichloroethylene	45		"	50.0		90.6	84-123		1.47	30	
Vinyl Chloride	57		"	50.0		113	52-130		2.67	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*43.1*		*"*	*50.0*		*86.3*	*77-125*				
Surrogate: SURR: Toluene-d8	*46.8*		*"*	*50.0*		*93.6*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*46.6*		*"*	*50.0*		*93.2*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30802 - EPA 5035A											
Blank (BA30802-BLK1)											
1,1,1-Trichloroethane	ND	5.0	ug/kg wet								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2-Butanone	ND	5.0	"								
Acetone	ND	10	"								
Benzene	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroform	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	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	"								
sec-Butylbenzene	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*42.0*		*ug/L*	*50.0*		*83.9*	*77-125*				
Surrogate: SURR: Toluene-d8	*46.3*		*"*	*50.0*		*92.6*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*47.0*		*"*	*50.0*		*93.9*	*76-130*				

Prepared & Analyzed: 01/17/2023

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 BA30802 - EPA 5035A											
Blank (BA30802-BLK2)											
Prepared & Analyzed: 01/17/2023											
1,1,1-Trichloroethane	ND	500	ug/kg wet								
1,1-Dichloroethane	ND	500	"								
1,1-Dichloroethylene	ND	500	"								
1,2,4-Trimethylbenzene	ND	500	"								
1,2-Dichlorobenzene	ND	500	"								
1,2-Dichloroethane	ND	500	"								
1,3,5-Trimethylbenzene	ND	500	"								
1,3-Dichlorobenzene	ND	500	"								
1,4-Dichlorobenzene	ND	500	"								
1,4-Dioxane	ND	10000	"								
2-Butanone	ND	500	"								
Acetone	ND	1000	"								
Benzene	ND	500	"								
Carbon tetrachloride	ND	500	"								
Chlorobenzene	ND	500	"								
Chloroform	ND	500	"								
cis-1,2-Dichloroethylene	ND	500	"								
Ethyl Benzene	ND	500	"								
Methyl tert-butyl ether (MTBE)	ND	500	"								
Methylene chloride	ND	1000	"								
Naphthalene	ND	1000	"								
n-Butylbenzene	ND	500	"								
n-Propylbenzene	ND	500	"								
o-Xylene	ND	500	"								
p- & m- Xylenes	ND	1000	"								
sec-Butylbenzene	ND	500	"								
tert-Butylbenzene	ND	500	"								
Tetrachloroethylene	ND	500	"								
Toluene	ND	500	"								
trans-1,2-Dichloroethylene	ND	500	"								
Trichloroethylene	ND	500	"								
Vinyl Chloride	ND	500	"								
Xylenes, Total	ND	1500	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*42.3*		*ug/L*	*50.0*		*84.6*	*77-125*				
Surrogate: SURR: Toluene-d8	*46.0*		*"*	*50.0*		*91.9*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*46.4*		*"*	*50.0*		*92.7*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30802 - EPA 5035A											
LCS (BA30802-BS1)								Prepared & Analyzed: 01/17/2023			
1,1,1-Trichloroethane	48		ug/L	50.0		95.7	71-137				
1,1-Dichloroethane	51		"	50.0		103	75-130				
1,1-Dichloroethylene	50		"	50.0		99.8	64-137				
1,2,4-Trimethylbenzene	45		"	50.0		89.2	84-125				
1,2-Dichlorobenzene	46		"	50.0		91.9	85-122				
1,2-Dichloroethane	45		"	50.0		89.3	71-133				
1,3,5-Trimethylbenzene	44		"	50.0		87.2	82-126				
1,3-Dichlorobenzene	47		"	50.0		93.8	84-124				
1,4-Dichlorobenzene	46		"	50.0		92.7	84-124				
1,4-Dioxane	1000		"	1050		95.4	10-228				
2-Butanone	53		"	50.0		106	58-147				
Acetone	34		"	50.0		68.3	36-155				
Benzene	56		"	50.0		112	77-127				
Carbon tetrachloride	48		"	50.0		95.4	66-143				
Chlorobenzene	50		"	50.0		100	86-120				
Chloroform	49		"	50.0		98.7	76-131				
cis-1,2-Dichloroethylene	50		"	50.0		101	74-132				
Ethyl Benzene	45		"	50.0		90.4	84-125				
Methyl tert-butyl ether (MTBE)	54		"	50.0		108	74-131				
Methylene chloride	52		"	50.0		105	57-141				
Naphthalene	46		"	50.0		91.2	86-141				
n-Butylbenzene	43		"	50.0		86.3	80-130				
n-Propylbenzene	45		"	50.0		89.3	74-136				
o-Xylene	45		"	50.0		89.6	83-123				
p- & m- Xylenes	89		"	100		89.2	82-128				
sec-Butylbenzene	45		"	50.0		90.3	83-125				
tert-Butylbenzene	41		"	50.0		81.4	80-127				
Tetrachloroethylene	40		"	50.0		80.6	80-129				
Toluene	47		"	50.0		93.6	85-121				
trans-1,2-Dichloroethylene	53		"	50.0		105	72-132				
Trichloroethylene	46		"	50.0		91.0	84-123				
Vinyl Chloride	56		"	50.0		111	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*41.4*		*"*	*50.0*		*82.7*	*77-125*				
Surrogate: SURR: Toluene-d8	*46.2*		*"*	*50.0*		*92.3*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*46.5*		*"*	*50.0*		*93.0*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30802 - EPA 5035A											
LCS Dup (BA30802-BSD1)								Prepared & Analyzed: 01/17/2023			
1,1,1-Trichloroethane	48		ug/L	50.0		95.7	71-137		0.00	30	
1,1-Dichloroethane	51		"	50.0		103	75-130		0.00	30	
1,1-Dichloroethylene	50		"	50.0		99.8	64-137		0.00	30	
1,2,4-Trimethylbenzene	45		"	50.0		89.2	84-125		0.00	30	
1,2-Dichlorobenzene	46		"	50.0		91.9	85-122		0.00	30	
1,2-Dichloroethane	45		"	50.0		89.3	71-133		0.00	30	
1,3,5-Trimethylbenzene	44		"	50.0		87.2	82-126		0.00	30	
1,3-Dichlorobenzene	47		"	50.0		93.8	84-124		0.00	30	
1,4-Dichlorobenzene	46		"	50.0		92.7	84-124		0.00	30	
1,4-Dioxane	1000		"	1050		95.4	10-228		0.00	30	
2-Butanone	53		"	50.0		106	58-147		0.00	30	
Acetone	34		"	50.0		68.3	36-155		0.00	30	
Benzene	56		"	50.0		112	77-127		0.00	30	
Carbon tetrachloride	48		"	50.0		95.4	66-143		0.00	30	
Chlorobenzene	50		"	50.0		100	86-120		0.00	30	
Chloroform	49		"	50.0		98.7	76-131		0.00	30	
cis-1,2-Dichloroethylene	50		"	50.0		101	74-132		0.00	30	
Ethyl Benzene	45		"	50.0		90.4	84-125		0.00	30	
Methyl tert-butyl ether (MTBE)	54		"	50.0		108	74-131		0.00	30	
Methylene chloride	52		"	50.0		105	57-141		0.00	30	
Naphthalene	46		"	50.0		91.2	86-141		0.00	30	
n-Butylbenzene	43		"	50.0		86.3	80-130		0.00	30	
n-Propylbenzene	45		"	50.0		89.3	74-136		0.00	30	
o-Xylene	45		"	50.0		89.6	83-123		0.00	30	
p- & m- Xylenes	89		"	100		89.2	82-128		0.00	30	
sec-Butylbenzene	45		"	50.0		90.3	83-125		0.00	30	
tert-Butylbenzene	41		"	50.0		81.4	80-127		0.00	30	
Tetrachloroethylene	40		"	50.0		80.6	80-129		0.00	30	
Toluene	47		"	50.0		93.6	85-121		0.00	30	
trans-1,2-Dichloroethylene	53		"	50.0		105	72-132		0.00	30	
Trichloroethylene	46		"	50.0		91.0	84-123		0.00	30	
Vinyl Chloride	56		"	50.0		111	52-130		0.00	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*41.4*		*"*	*50.0*		*82.7*	*77-125*				
Surrogate: SURR: Toluene-d8	*46.2*		*"*	*50.0*		*92.3*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*46.5*		*"*	*50.0*		*93.0*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30888 - EPA 5035A											
Blank (BA30888-BLK1)											
1,1,1-Trichloroethane	ND	5.0	ug/kg wet								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2-Butanone	ND	5.0	"								
Acetone	ND	10	"								
Benzene	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroform	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	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	"								
sec-Butylbenzene	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*39.7*		*ug/L*	*50.0*		*79.4*	*77-125*				
Surrogate: SURR: Toluene-d8	*52.5*		*"*	*50.0*		*105*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.6*		*"*	*50.0*		*97.1*	*76-130*				

Prepared & Analyzed: 01/18/2023

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 BA30888 - EPA 5035A											
Blank (BA30888-BLK2)											
1,1,1-Trichloroethane	ND	500	ug/kg wet								
1,1-Dichloroethane	ND	500	"								
1,1-Dichloroethylene	ND	500	"								
1,2,4-Trimethylbenzene	ND	500	"								
1,2-Dichlorobenzene	ND	500	"								
1,2-Dichloroethane	ND	500	"								
1,3,5-Trimethylbenzene	ND	500	"								
1,3-Dichlorobenzene	ND	500	"								
1,4-Dichlorobenzene	ND	500	"								
1,4-Dioxane	ND	10000	"								
2-Butanone	ND	500	"								
Acetone	ND	1000	"								
Benzene	ND	500	"								
Carbon tetrachloride	ND	500	"								
Chlorobenzene	ND	500	"								
Chloroform	ND	500	"								
cis-1,2-Dichloroethylene	ND	500	"								
Ethyl Benzene	ND	500	"								
Methyl tert-butyl ether (MTBE)	ND	500	"								
Methylene chloride	ND	1000	"								
Naphthalene	ND	1000	"								
n-Butylbenzene	ND	500	"								
n-Propylbenzene	ND	500	"								
o-Xylene	ND	500	"								
p- & m- Xylenes	ND	1000	"								
sec-Butylbenzene	ND	500	"								
tert-Butylbenzene	ND	500	"								
Tetrachloroethylene	ND	500	"								
Toluene	ND	500	"								
trans-1,2-Dichloroethylene	ND	500	"								
Trichloroethylene	ND	500	"								
Vinyl Chloride	ND	500	"								
Xylenes, Total	ND	1500	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*39.0*		*ug/L*	*50.0*		*78.0*	*77-125*				
Surrogate: SURR: Toluene-d8	*52.2*		*"*	*50.0*		*104*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.3*		*"*	*50.0*		*96.6*	*76-130*				

Prepared & Analyzed: 01/18/2023

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 BA30888 - EPA 5035A											
LCS (BA30888-BS1)							Prepared & Analyzed: 01/18/2023				
1,1,1-Trichloroethane	41		ug/L	50.0		81.4	71-137				
1,1-Dichloroethane	44		"	50.0		88.5	75-130				
1,1-Dichloroethylene	43		"	50.0		86.1	64-137				
1,2,4-Trimethylbenzene	51		"	50.0		102	84-125				
1,2-Dichlorobenzene	53		"	50.0		106	85-122				
1,2-Dichloroethane	36		"	50.0		72.5	71-133				
1,3,5-Trimethylbenzene	50		"	50.0		99.8	82-126				
1,3-Dichlorobenzene	54		"	50.0		107	84-124				
1,4-Dichlorobenzene	54		"	50.0		107	84-124				
1,4-Dioxane	1100		"	1050		104	10-228				
2-Butanone	44		"	50.0		88.4	58-147				
Acetone	30		"	50.0		60.4	36-155				
Benzene	49		"	50.0		98.1	77-127				
Carbon tetrachloride	40		"	50.0		79.0	66-143				
Chlorobenzene	52		"	50.0		105	86-120				
Chloroform	41		"	50.0		82.9	76-131				
cis-1,2-Dichloroethylene	44		"	50.0		87.3	74-132				
Ethyl Benzene	47		"	50.0		94.9	84-125				
Methyl tert-butyl ether (MTBE)	43		"	50.0		85.4	74-131				
Methylene chloride	45		"	50.0		89.6	57-141				
Naphthalene	53		"	50.0		106	86-141				
n-Butylbenzene	50		"	50.0		100	80-130				
n-Propylbenzene	52		"	50.0		104	74-136				
o-Xylene	47		"	50.0		93.6	83-123				
p- & m- Xylenes	95		"	100		94.8	82-128				
sec-Butylbenzene	52		"	50.0		105	83-125				
tert-Butylbenzene	47		"	50.0		93.4	80-127				
Tetrachloroethylene	43		"	50.0		86.5	80-129				
Toluene	49		"	50.0		98.3	85-121				
trans-1,2-Dichloroethylene	46		"	50.0		92.7	72-132				
Trichloroethylene	48		"	50.0		95.4	84-123				
Vinyl Chloride	51		"	50.0		102	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*40.2*		*"*	*50.0*		*80.4*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.9*		*"*	*50.0*		*104*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*47.6*		*"*	*50.0*		*95.3*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30888 - EPA 5035A											
LCS Dup (BA30888-BSD1)								Prepared & Analyzed: 01/18/2023			
1,1,1-Trichloroethane	42		ug/L	50.0		84.1	71-137		3.26	30	
1,1-Dichloroethane	45		"	50.0		90.8	75-130		2.59	30	
1,1-Dichloroethylene	44		"	50.0		88.1	64-137		2.37	30	
1,2,4-Trimethylbenzene	53		"	50.0		105	84-125		2.50	30	
1,2-Dichlorobenzene	54		"	50.0		108	85-122		2.18	30	
1,2-Dichloroethane	38		"	50.0		75.1	71-133		3.60	30	
1,3,5-Trimethylbenzene	51		"	50.0		102	82-126		2.65	30	
1,3-Dichlorobenzene	55		"	50.0		110	84-124		2.85	30	
1,4-Dichlorobenzene	55		"	50.0		110	84-124		2.45	30	
1,4-Dioxane	1100		"	1050		103	10-228		0.784	30	
2-Butanone	45		"	50.0		90.9	58-147		2.88	30	
Acetone	31		"	50.0		61.2	36-155		1.32	30	
Benzene	50		"	50.0		100	77-127		2.18	30	
Carbon tetrachloride	42		"	50.0		83.2	66-143		5.10	30	
Chlorobenzene	54		"	50.0		107	86-120		2.49	30	
Chloroform	43		"	50.0		85.9	76-131		3.56	30	
cis-1,2-Dichloroethylene	44		"	50.0		88.7	74-132		1.64	30	
Ethyl Benzene	49		"	50.0		98.0	84-125		3.19	30	
Methyl tert-butyl ether (MTBE)	44		"	50.0		87.7	74-131		2.66	30	
Methylene chloride	46		"	50.0		91.8	57-141		2.47	30	
Naphthalene	54		"	50.0		109	86-141		2.03	30	
n-Butylbenzene	52		"	50.0		103	80-130		3.36	30	
n-Propylbenzene	54		"	50.0		108	74-136		3.31	30	
o-Xylene	48		"	50.0		96.0	83-123		2.60	30	
p- & m- Xylenes	97		"	100		97.3	82-128		2.61	30	
sec-Butylbenzene	54		"	50.0		108	83-125		3.46	30	
tert-Butylbenzene	48		"	50.0		96.5	80-127		3.18	30	
Tetrachloroethylene	45		"	50.0		89.1	80-129		3.01	30	
Toluene	51		"	50.0		102	85-121		3.69	30	
trans-1,2-Dichloroethylene	48		"	50.0		95.2	72-132		2.62	30	
Trichloroethylene	49		"	50.0		97.4	84-123		2.08	30	
Vinyl Chloride	52		"	50.0		105	52-130		3.20	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*40.3*		*"*	*50.0*		*80.6*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.6*		*"*	*50.0*		*103*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*47.5*		*"*	*50.0*		*95.0*	*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 BA30673 - EPA 3550C											
Blank (BA30673-BLK1)											
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	*1040*		"	*1670*		*62.2*	*20-108*				
Surrogate: SURR: Phenol-d5	*1020*		"	*1670*		*61.0*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*560*		"	*833*		*67.2*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*528*		"	*833*		*63.3*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1060*		"	*1670*		*63.8*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*583*		"	*833*		*69.9*	*24-116*				

Prepared: 01/15/2023 Analyzed: 01/16/2023

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 BA30673 - EPA 3550C											
LCS (BA30673-BS1)									Prepared: 01/15/2023 Analyzed: 01/16/2023		
2-Methylphenol	591	41.7	ug/kg wet	833		71.0	10-146				
3- & 4-Methylphenols	515	41.7	"	833		61.8	20-109				
Acenaphthene	581	41.7	"	833		69.7	17-124				
Acenaphthylene	552	41.7	"	833		66.2	16-124				
Anthracene	625	41.7	"	833		75.0	24-124				
Benzo(a)anthracene	592	41.7	"	833		71.0	25-134				
Benzo(a)pyrene	512	41.7	"	833		61.4	29-144				
Benzo(b)fluoranthene	549	41.7	"	833		65.9	20-151				
Benzo(g,h,i)perylene	545	41.7	"	833		65.4	10-153				
Benzo(k)fluoranthene	564	41.7	"	833		67.7	10-148				
Chrysene	557	41.7	"	833		66.8	24-116				
Dibenzo(a,h)anthracene	553	41.7	"	833		66.3	17-147				
Dibenzofuran	592	41.7	"	833		71.0	23-123				
Fluoranthene	570	41.7	"	833		68.4	36-125				
Fluorene	592	41.7	"	833		71.1	16-130				
Hexachlorobenzene	587	41.7	"	833		70.5	10-129				
Indeno(1,2,3-cd)pyrene	577	41.7	"	833		69.2	10-155				
Naphthalene	597	41.7	"	833		71.6	20-121				
Pentachlorophenol	487	41.7	"	833		58.4	10-143				
Phenanthrene	596	41.7	"	833		71.6	24-123				
Phenol	579	41.7	"	833		69.4	15-123				
Pyrene	600	41.7	"	833		72.0	24-132				
Surrogate: SURR: 2-Fluorophenol	*1130*		*"*	*1670*		*67.6*	*20-108*				
Surrogate: SURR: Phenol-d5	*1130*		*"*	*1670*		*67.7*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*607*		*"*	*833*		*72.9*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*571*		*"*	*833*		*68.5*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1190*		*"*	*1670*		*71.6*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*632*		*"*	*833*		*75.8*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30673 - EPA 3550C											
Matrix Spike (BA30673-MS1)	*Source sample: 23A0500-01 (Q4-CS-Composite 1)								Prepared: 01/15/2023 Analyzed: 01/16/2023		
2-Methylphenol	557	90.4	ug/kg dry	903	ND	61.7	10-160				
3- & 4-Methylphenols	484	90.4	"	903	ND	53.6	16-115				
Acenaphthene	576	90.4	"	903	ND	63.8	13-133				
Acenaphthylene	517	90.4	"	903	ND	57.3	25-125				
Anthracene	606	90.4	"	903	ND	67.1	27-128				
Benzo(a)anthracene	623	90.4	"	903	75.2	60.6	20-147				
Benzo(a)pyrene	574	90.4	"	903	57.1	57.3	18-153				
Benzo(b)fluoranthene	614	90.4	"	903	55.6	61.8	10-163				
Benzo(g,h,i)perylene	589	90.4	"	903	ND	65.2	10-157				
Benzo(k)fluoranthene	596	90.4	"	903	47.0	60.8	10-157				
Chrysene	596	90.4	"	903	65.0	58.8	18-133				
Dibenzo(a,h)anthracene	568	90.4	"	903	ND	62.9	10-146				
Dibenzofuran	568	90.4	"	903	ND	62.9	26-134				
Fluoranthene	694	90.4	"	903	150	60.2	10-155				
Fluorene	569	90.4	"	903	ND	63.0	12-150				
Hexachlorobenzene	572	90.4	"	903	ND	63.3	16-142				
Indeno(1,2,3-cd)pyrene	600	90.4	"	903	ND	66.4	10-155				
Naphthalene	585	90.4	"	903	ND	64.8	15-132				
Pentachlorophenol	421	90.4	"	903	ND	46.6	10-160				
Phenanthrene	689	90.4	"	903	120	63.0	10-151				
Phenol	529	90.4	"	903	ND	58.6	11-124				
Pyrene	675	90.4	"	903	132	60.2	13-148				
Surrogate: SURR: 2-Fluorophenol	*1020*		*"*	*1810*		*56.3*	*20-108*				
Surrogate: SURR: Phenol-d5	*1010*		*"*	*1810*		*56.0*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*556*		*"*	*903*		*61.6*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*541*		*"*	*903*		*59.9*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1090*		*"*	*1810*		*60.2*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*552*		*"*	*903*		*61.1*	*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 BA30673 - EPA 3550C											
Matrix Spike Dup (BA30673-MSD1)	*Source sample: 23A0500-01 (Q4-CS-Composite 1)								Prepared: 01/15/2023 Analyzed: 01/16/2023		
2-Methylphenol	587	90.4	ug/kg dry	903	ND	65.0	10-160		5.30	30	
3- & 4-Methylphenols	512	90.4	"	903	ND	56.6	16-115		5.52	30	
Acenaphthene	586	90.4	"	903	ND	64.9	13-133		1.74	30	
Acenaphthylene	548	90.4	"	903	ND	60.7	25-125		5.83	30	
Anthracene	628	90.4	"	903	ND	69.5	27-128		3.51	30	
Benzo(a)anthracene	643	90.4	"	903	75.2	62.9	20-147		3.20	30	
Benzo(a)pyrene	595	90.4	"	903	57.1	59.5	18-153		3.46	30	
Benzo(b)fluoranthene	627	90.4	"	903	55.6	63.3	10-163		2.21	30	
Benzo(g,h,i)perylene	612	90.4	"	903	ND	67.8	10-157		3.85	30	
Benzo(k)fluoranthene	629	90.4	"	903	47.0	64.5	10-157		5.42	30	
Chrysene	619	90.4	"	903	65.0	61.3	18-133		3.69	30	
Dibenzo(a,h)anthracene	582	90.4	"	903	ND	64.4	10-146		2.39	30	
Dibenzofuran	594	90.4	"	903	ND	65.8	26-134		4.48	30	
Fluoranthene	677	90.4	"	903	150	58.3	10-155		2.42	30	
Fluorene	582	90.4	"	903	ND	64.4	12-150		2.13	30	
Hexachlorobenzene	599	90.4	"	903	ND	66.3	16-142		4.69	30	
Indeno(1,2,3-cd)pyrene	590	90.4	"	903	ND	65.4	10-155		1.58	30	
Naphthalene	587	90.4	"	903	ND	65.0	15-132		0.247	30	
Pentachlorophenol	440	90.4	"	903	ND	48.7	10-160		4.36	30	
Phenanthrene	679	90.4	"	903	120	61.8	10-151		1.58	30	
Phenol	568	90.4	"	903	ND	62.9	11-124		7.11	30	
Pyrene	676	90.4	"	903	132	60.2	13-148		0.107	30	
Surrogate: SURR: 2-Fluorophenol	*1090*		*"*	*1810*		*60.1*	*20-108*				
Surrogate: SURR: Phenol-d5	*1070*		*"*	*1810*		*59.3*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*580*		*"*	*903*		*64.2*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*556*		*"*	*903*		*61.6*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1160*		*"*	*1810*		*64.2*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*586*		*"*	*903*		*64.9*	*24-116*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30361 - EPA 1633 Prep											
Blank (BA30361-BLK1)											Prepared: 01/10/2023 Analyzed: 01/16/2023
Perfluorobutanesulfonic acid (PFBS)	ND	0.199	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.199	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.199	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.199	"								
Perfluorooctanoic acid (PFOA)	ND	0.199	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.199	"								
Perfluorononanoic acid (PFNA)	ND	0.199	"								
Perfluorodecanoic acid (PFDA)	ND	0.199	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.199	"								
Perfluorododecanoic acid (PFDoA)	ND	0.199	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.199	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.199	"								
N-MeFOSAA	ND	0.199	"								
N-EtFOSAA	ND	0.199	"								
Perfluoropentanoic acid (PFPeA)	ND	0.398	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.199	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.199	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.199	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	0.795	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	0.795	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.795	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.398	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.398	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.398	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.398	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.199	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	0.795	"								
HFPO-DA (Gen-X)	ND	0.795	"								
11CL-PF3OUdS	ND	0.795	"								
9CL-PF3ONS	ND	0.795	"								
ADONA	ND	0.795	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.199	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.199	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.994	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	4.97	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	4.97	"								
N-MeFOSE	ND	1.99	"								
N-MeFOSA	ND	0.199	"								
N-EtFOSE	ND	1.99	"								
N-EtFOSA	ND	0.199	"								
Surrogate: M3PFBS	*2.00*		"	*2.32*		*86.4*	*25-150*				
Surrogate: M5PFHxA	*2.49*		"	*2.49*		*100*	*25-150*				
Surrogate: M4PFHpA	*2.43*		"	*2.49*		*97.6*	*25-150*				
Surrogate: M3PFHxS	*2.28*		"	*2.36*		*96.7*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.15*		"	*2.49*		*86.4*	*25-150*				
Surrogate: M6PFDA	*1.19*		"	*1.24*		*95.4*	*25-150*				
Surrogate: M7PFUdA	*1.11*		"	*1.24*		*89.0*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30361 - EPA 1633 Prep											
Blank (BA30361-BLK1)											Prepared: 01/10/2023 Analyzed: 01/16/2023
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.926*		*ug/kg wet*	*1.24*		*74.6*	*25-150*				
Surrogate: M2PFTeDA	*0.735*		*"*	*1.24*		*59.1*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*10.5*		*"*	*9.94*		*106*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.23*		*"*	*2.38*		*93.8*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.33*		*"*	*4.97*		*107*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*0.466*		*"*	*2.49*		*18.8*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.45*		*"*	*4.97*		*69.5*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.33*		*"*	*4.97*		*67.0*	*25-150*				
Surrogate: M2-6:2 FTS	*3.71*		*"*	*4.73*		*78.4*	*25-200*				
Surrogate: M2-8:2 FTS	*3.06*		*"*	*4.77*		*64.2*	*25-200*				
Surrogate: M9PFNA	*1.44*		*"*	*1.24*		*116*	*25-150*				
Surrogate: M2-4:2 FTS	*3.07*		*"*	*4.66*		*65.8*	*25-150*				
Surrogate: d-N-MeFOSA	*0.546*		*"*	*2.49*		*22.0*	*25-150*				
Surrogate: d-N-EtFOSA	*1.60*		*"*	*2.49*		*64.2*	*25-150*				
Surrogate: M3HFPO-DA	*9.18*		*"*	*9.94*		*92.4*	*25-150*				
Surrogate: d9-N-EtFOSE	*5.58*		*"*	*24.9*		*22.5*	*25-150*				
Surrogate: d7-N-MeFOSE	*5.86*		*"*	*24.9*		*23.6*	*25-150*				
LCS (BA30361-BS1)											Prepared: 01/10/2023 Analyzed: 01/16/2023
Perfluorobutanesulfonic acid (PFBS)	3.23	0.200	ug/kg wet	3.53		91.3	50-150				
Perfluorohexanoic acid (PFHxA)	3.65	0.200	"	3.99		91.3	50-150				
Perfluoroheptanoic acid (PFHpA)	3.78	0.200	"	3.99		94.7	50-150				
Perfluorohexanesulfonic acid (PFHxS)	4.50	0.200	"	3.65		123	50-150				
Perfluorooctanoic acid (PFOA)	3.44	0.200	"	3.99		86.3	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.20	0.200	"	3.71		86.2	50-150				
Perfluorononanoic acid (PFNA)	3.11	0.200	"	3.99		78.0	50-150				
Perfluorodecanoic acid (PFDA)	3.77	0.200	"	3.99		94.5	50-150				
Perfluoroundecanoic acid (PFUnA)	3.48	0.200	"	3.99		87.1	50-150				
Perfluorododecanoic acid (PFDoA)	3.90	0.200	"	3.99		97.7	50-150				
Perfluorotridecanoic acid (PFTrDA)	4.23	0.200	"	3.99		106	50-150				
Perfluorotetradecanoic acid (PFTA)	3.40	0.200	"	3.99		85.2	50-150				
N-MeFOSAA	3.39	0.200	"	3.99		85.0	50-150				
N-EtFOSAA	3.77	0.200	"	3.99		94.4	50-150				
Perfluoropentanoic acid (PFPeA)	7.19	0.399	"	7.98		90.1	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	3.82	0.200	"	3.99		95.6	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.82	0.200	"	3.81		100	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3.22	0.200	"	3.85		83.5	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	13.8	0.798	"	15.2		90.9	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	14.5	0.798	"	15.3		94.9	50-150				
Perfluoro-n-butanoic acid (PFBA)	14.1	0.798	"	16.0		88.2	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	6.95	0.399	"	7.11		97.8	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	5.58	0.399	"	7.98		69.8	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	8.23	0.399	"	7.98		103	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	7.39	0.399	"	7.98		92.6	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.44	0.200	"	3.75		91.6	50-150				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30361 - EPA 1633 Prep											
LCS (BA30361-BS1)								Prepared: 01/10/2023 Analyzed: 01/16/2023			
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	13.2	0.798	ug/kg wet	15.0		88.0	50-150				
HFPO-DA (Gen-X)	7.21	0.798	"	7.98		90.3	50-150				
11CL-PF3OUdS	5.97	0.798	"	7.54		79.1	50-150				
9CL-PF3ONS	6.99	0.798	"	7.47		93.6	50-150				
ADONA	7.90	0.798	"	7.54		105	50-150				
Perfluorododecanesulfonic acid (PFDoS)	2.59	0.200	"	3.87		66.9	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	3.90	0.200	"	3.83		102	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	5.10	0.998	"	16.0		31.9	50-150	Low Bias			
3-Perfluoropentyl propanoic acid (FPePA)	39.3	4.99	"	79.8		49.2	50-150	Low Bias			
3-Perfluoroheptyl propanoic acid (FHpPA)	40.6	4.99	"	79.8		50.8	50-150				
N-MeFOSE	33.4	2.00	"	39.9		83.8	50-150				
N-MeFOSA	4.64	0.200	"	3.99		116	50-150				
N-EtFOSE	35.8	2.00	"	39.9		89.7	50-150				
N-EtFOSA	2.87	0.200	"	3.99		71.9	50-150				
Surrogate: M3PFBS	*2.26*		"	*2.33*		*97.0*	*25-150*				
Surrogate: M5PFHxA	*2.57*		"	*2.50*		*103*	*25-150*				
Surrogate: M4PFHpA	*2.19*		"	*2.50*		*87.8*	*25-150*				
Surrogate: M3PFHxS	*2.33*		"	*2.37*		*98.7*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.40*		"	*2.50*		*96.2*	*25-150*				
Surrogate: M6PFDA	*1.02*		"	*1.25*		*81.7*	*25-150*				
Surrogate: M7PFUdA	*0.992*		"	*1.25*		*79.5*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.835*		"	*1.25*		*66.9*	*25-150*				
Surrogate: M2PFTeDA	*0.625*		"	*1.25*		*50.1*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.1*		"	*9.98*		*111*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.24*		"	*2.39*		*93.6*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.50*		"	*4.99*		*110*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*0.528*		"	*2.50*		*21.2*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.64*		"	*4.99*		*73.0*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.55*		"	*4.99*		*71.2*	*25-150*				
Surrogate: M2-6:2 FTS	*4.42*		"	*4.75*		*93.1*	*25-200*				
Surrogate: M2-8:2 FTS	*3.74*		"	*4.79*		*78.1*	*25-200*				
Surrogate: M9PFNA	*1.35*		"	*1.25*		*108*	*25-150*				
Surrogate: M2-4:2 FTS	*3.68*		"	*4.68*		*78.6*	*25-150*				
Surrogate: d-N-MeFOSA	*0.473*		"	*2.50*		*18.9*	*25-150*				
Surrogate: d-N-EtFOSA	*1.41*		"	*2.50*		*56.6*	*25-150*				
Surrogate: M3HFPO-DA	*9.97*		"	*9.98*		*99.9*	*25-150*				
Surrogate: d9-N-EtFOSE	*5.02*		"	*25.0*		*20.1*	*25-150*				
Surrogate: d7-N-MeFOSE	*5.82*		"	*25.0*		*23.3*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30361 - EPA 1633 Prep											
LCS (BA30361-BS2)								Prepared: 01/10/2023 Analyzed: 01/16/2023			
Perfluorobutanesulfonic acid (PFBS)	0.298	0.199	ug/kg wet	0.353		84.5	50-150				
Perfluorohexanoic acid (PFHxA)	0.335	0.199	"	0.398		84.2	50-150				
Perfluoroheptanoic acid (PFHpA)	0.351	0.199	"	0.398		88.0	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.409	0.199	"	0.365		112	50-150				
Perfluorooctanoic acid (PFOA)	0.381	0.199	"	0.398		95.6	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.363	0.199	"	0.371		98.0	50-150				
Perfluorononanoic acid (PFNA)	0.322	0.199	"	0.398		80.9	50-150				
Perfluorodecanoic acid (PFDA)	0.317	0.199	"	0.398		79.6	50-150				
Perfluoroundecanoic acid (PFUnA)	0.344	0.199	"	0.398		86.4	50-150				
Perfluorododecanoic acid (PFDoA)	0.362	0.199	"	0.398		90.9	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.305	0.199	"	0.398		76.6	50-150				
Perfluorotetradecanoic acid (PFTA)	0.349	0.199	"	0.398		87.7	50-150				
N-MeFOSAA	0.349	0.199	"	0.398		87.6	50-150				
N-EtFOSAA	0.368	0.199	"	0.398		92.4	50-150				
Perfluoropentanoic acid (PFPeA)	0.677	0.398	"	0.797		85.0	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.383	0.199	"	0.398		96.1	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.377	0.199	"	0.380		99.1	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.239	0.199	"	0.384		62.3	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1.25	0.797	"	1.51		82.3	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1.37	0.797	"	1.53		89.6	50-150				
Perfluoro-n-butanoic acid (PFBA)	1.31	0.797	"	1.59		82.0	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	0.704	0.398	"	0.709		99.2	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	0.702	0.398	"	0.797		88.1	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.775	0.398	"	0.797		97.3	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	0.708	0.398	"	0.797		88.9	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.312	0.199	"	0.375		83.4	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1.43	0.797	"	1.49		95.4	50-150				
HFPO-DA (Gen-X)	0.696	0.797	"	0.797		87.4	50-150				
11CL-PF3OUdS	0.653	0.797	"	0.753		86.7	50-150				
9CL-PF3ONS	0.765	0.797	"	0.745		103	50-150				
ADONA	0.822	0.797	"	0.753		109	50-150				
Perfluorododecanesulfonic acid (PFDoS)	ND	0.199	"	0.386			50-150	Low Bias			
Perfluoro-1-nonanesulfonic acid (PFNS)	0.381	0.199	"	0.382		99.7	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.996	"	1.59			50-150	Low Bias			
3-Perfluoropentyl propanoic acid (FPePA)	2.97	4.98	"	7.97		37.3	50-150	Low Bias			
3-Perfluoroheptyl propanoic acid (FHpPA)	3.43	4.98	"	7.97		43.1	50-150	Low Bias			
N-MeFOSE	3.50	1.99	"	3.98		87.8	50-150				
N-MeFOSA	0.551	0.199	"	0.398		138	50-150				
N-EtFOSE	3.51	1.99	"	3.98		88.1	50-150				
N-EtFOSA	ND	0.199	"	0.398			50-150	Low Bias			
Surrogate: M3PFBS	*2.38*		"	*2.32*		*102*	*25-150*				
Surrogate: M5PFHxA	*2.73*		"	*2.49*		*110*	*25-150*				
Surrogate: M4PFHpA	*2.42*		"	*2.49*		*97.0*	*25-150*				
Surrogate: M3PFHxS	*2.47*		"	*2.36*		*105*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.27*		"	*2.49*		*91.2*	*25-150*				
Surrogate: M6PFDA	*1.20*		"	*1.25*		*96.6*	*25-150*				
Surrogate: M7PFUdA	*1.08*		"	*1.25*		*86.6*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30361 - EPA 1633 Prep											
LCS (BA30361-BS2)									Prepared: 01/10/2023 Analyzed: 01/16/2023		
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.854*		*ug/kg wet*	*1.25*		*68.6*	*25-150*				
Surrogate: M2PFTeDA	*0.680*		*"*	*1.25*		*54.6*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.4*		*"*	*9.96*		*114*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.54*		*"*	*2.39*		*106*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.94*		*"*	*4.98*		*119*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*0.481*		*"*	*2.49*		*19.3*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.06*		*"*	*4.98*		*81.5*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.27*		*"*	*4.98*		*85.8*	*25-150*				
Surrogate: M2-6:2 FTS	*4.17*		*"*	*4.74*		*88.0*	*25-200*				
Surrogate: M2-8:2 FTS	*3.72*		*"*	*4.78*		*77.7*	*25-200*				
Surrogate: M9PFNA	*1.26*		*"*	*1.25*		*101*	*25-150*				
Surrogate: M2-4:2 FTS	*3.08*		*"*	*4.67*		*65.9*	*25-150*				
Surrogate: d-N-MeFOSA	*0.400*		*"*	*2.49*		*16.1*	*25-150*				
Surrogate: d-N-EtFOSA	*1.32*		*"*	*2.49*		*53.0*	*25-150*				
Surrogate: M3HFPO-DA	*9.82*		*"*	*9.96*		*98.6*	*25-150*				
Surrogate: d9-N-EtFOSE	*5.56*		*"*	*24.9*		*22.3*	*25-150*				
Surrogate: d7-N-MeFOSE	*5.37*		*"*	*24.9*		*21.6*	*25-150*				
Duplicate (BA30361-DUP1)	*Source sample: 23A0372-02 (Duplicate)								Prepared: 01/10/2023 Analyzed: 01/16/2023		
Perfluorobutanesulfonic acid (PFBS)	ND	0.212	ug/kg dry		ND					30	
Perfluorohexanoic acid (PFHxA)	ND	0.212	"		ND					30	
Perfluoroheptanoic acid (PFHpA)	ND	0.212	"		ND					30	
Perfluorohexanesulfonic acid (PFHxS)	ND	0.212	"		ND					30	
Perfluorooctanoic acid (PFOA)	ND	0.212	"		ND					30	
Perfluorooctanesulfonic acid (PFOS)	0.180	0.212	"		0.185				2.99	30	
Perfluorononanoic acid (PFNA)	ND	0.212	"		ND					30	
Perfluorodecanoic acid (PFDA)	ND	0.212	"		ND					30	
Perfluoroundecanoic acid (PFUnA)	ND	0.212	"		ND					30	
Perfluorododecanoic acid (PFDoA)	ND	0.212	"		ND					30	
Perfluorotridecanoic acid (PFTrDA)	ND	0.212	"		ND					30	
Perfluorotetradecanoic acid (PFTA)	ND	0.212	"		ND					30	
N-MeFOSAA	ND	0.212	"		ND					30	
N-EtFOSAA	ND	0.212	"		ND					30	
Perfluoropentanoic acid (PFPeA)	ND	0.424	"		ND					30	
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.212	"		ND					30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.212	"		ND					30	
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.212	"		ND					30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	0.849	"		ND					30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	0.849	"		ND					30	
Perfluoro-n-butanoic acid (PFBA)	ND	0.849	"		ND					30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.424	"		ND					30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.424	"		ND					30	
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.424	"		ND					30	
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.424	"		ND					30	
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.212	"		ND					30	

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30361 - EPA 1633 Prep											
Duplicate (BA30361-DUP1)	*Source sample: 23A0372-02 (Duplicate)								Prepared: 01/10/2023 Analyzed: 01/16/2023		
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	0.849	ug/kg dry		ND					30	
HFPO-DA (Gen-X)	ND	0.849	"		ND					30	
11CL-PF3OUdS	ND	0.849	"		ND					30	
9CL-PF3ONS	ND	0.849	"		ND					30	
ADONA	ND	0.849	"		ND					30	
Perfluorododecanesulfonic acid (PFDoS)	ND	0.212	"		ND					30	
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.212	"		ND					30	
3-Perfluoropropyl propanoic acid (FPrPA)	ND	1.06	"		ND					30	
3-Perfluoropentyl propanoic acid (FPePA)	ND	5.31	"		ND					30	
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	5.31	"		ND					30	
N-MeFOSE	ND	2.12	"		ND					30	
N-MeFOSA	ND	0.212	"		ND					30	
N-EtFOSE	ND	2.12	"		ND					30	
N-EtFOSA	ND	0.212	"		ND					30	
Surrogate: M3PFBS	*2.39*		"	*2.47*		*96.8*	*25-150*				
Surrogate: M5PFHxA	*2.27*		"	*2.65*		*85.6*	*25-150*				
Surrogate: M4PFHpA	*2.17*		"	*2.65*		*81.7*	*25-150*				
Surrogate: M3PFHxS	*2.75*		"	*2.51*		*109*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.14*		"	*2.65*		*80.6*	*25-150*				
Surrogate: M6PFDA	*0.903*		"	*1.33*		*68.1*	*25-150*				
Surrogate: M7PFUdA	*0.658*		"	*1.33*		*49.6*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.500*		"	*1.33*		*37.7*	*25-150*				
Surrogate: M2PFTeDA	*0.284*		"	*1.33*		*21.4*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*9.29*		"	*10.6*		*87.6*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.52*		"	*2.54*		*99.0*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.78*		"	*5.31*		*90.1*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*0.205*		"	*2.65*		*7.73*	*10-150*				
Surrogate: d3-N-MeFOSAA	*1.29*		"	*5.31*		*24.3*	*25-150*				
Surrogate: d5-N-EtFOSAA	*1.33*		"	*5.31*		*25.2*	*25-150*				
Surrogate: M2-6:2 FTS	*2.82*		"	*5.05*		*55.8*	*25-200*				
Surrogate: M2-8:2 FTS	*2.15*		"	*5.09*		*42.3*	*25-200*				
Surrogate: M9PFNA	*1.14*		"	*1.33*		*86.1*	*25-150*				
Surrogate: M2-4:2 FTS	*2.32*		"	*4.98*		*46.6*	*25-150*				
Surrogate: d-N-MeFOSA	*0.299*		"	*2.65*		*11.3*	*25-150*				
Surrogate: d-N-EtFOSA	*1.56*		"	*2.65*		*58.9*	*25-150*				
Surrogate: M3HFPO-DA	*9.83*		"	*10.6*		*92.6*	*25-150*				
Surrogate: d9-N-EtFOSE	*4.92*		"	*26.5*		*18.5*	*25-150*				
Surrogate: d7-N-MeFOSE	*5.07*		"	*26.5*		*19.1*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30396 - EPA 1633 Prep											
Blank (BA30396-BLK1)											Prepared: 01/10/2023 Analyzed: 01/13/2023
Perfluorobutanesulfonic acid (PFBS)	ND	2.00	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	2.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	2.00	"								
Perfluorooctanoic acid (PFOA)	ND	2.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	2.00	"								
Perfluorononanoic acid (PFNA)	ND	2.00	"								
Perfluorodecanoic acid (PFDA)	ND	2.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"								
Perfluorododecanoic acid (PFDoA)	ND	2.00	"								
Perfluorotridecanoic acid (PFTrDA)	ND	2.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"								
N-MeFOSAA	ND	2.00	"								
N-EtFOSAA	ND	2.00	"								
Perfluoropentanoic acid (PFPeA)	ND	4.00	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	2.00	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	2.00	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	8.00	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	8.00	"								
Perfluoro-n-butanoic acid (PFBA)	ND	8.00	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	4.00	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	4.00	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	4.00	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	4.00	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	2.00	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	8.00	"								
HFPO-DA (Gen-X)	ND	8.00	"								
11CL-PF3OUdS	ND	8.00	"								
9CL-PF3ONS	ND	8.00	"								
ADONA	ND	8.00	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	2.00	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	2.00	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	5.00	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	25.0	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	25.0	"								
N-MeFOSE	ND	20.0	"								
N-MeFOSA	ND	2.00	"								
N-EtFOSE	ND	20.0	"								
N-EtFOSA	0.975	0.200	"								
Surrogate: M3PFBS	*37.3*		"	*46.6*		*80.1*	*25-150*				
Surrogate: M5PFHxA	*39.4*		"	*50.0*		*78.8*	*25-150*				
Surrogate: M4PFHpA	*34.5*		"	*50.0*		*69.0*	*25-150*				
Surrogate: M3PFHxS	*49.2*		"	*47.4*		*104*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*33.4*		"	*50.0*		*66.8*	*25-150*				
Surrogate: M6PFDA	*21.0*		"	*25.0*		*84.2*	*25-150*				
Surrogate: M7PFUdA	*19.1*		"	*25.0*		*76.6*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30396 - EPA 1633 Prep											
Blank (BA30396-BLK1)											Prepared: 01/10/2023 Analyzed: 01/13/2023
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*15.9*		*ng/L*	*25.0*		*63.8*	*25-150*				
Surrogate: M2PFTeDA	*14.6*		*"*	*25.0*		*58.6*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*167*		*"*	*200*		*83.5*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*51.2*		*"*	*47.9*		*107*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*78.8*		*"*	*100*		*78.8*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*5.65*		*"*	*50.0*		*11.3*	*10-150*				
Surrogate: d3-N-MeFOSAA	*83.2*		*"*	*100*		*83.3*	*25-150*				
Surrogate: d5-N-EtFOSAA	*88.2*		*"*	*100*		*88.2*	*25-150*				
Surrogate: M2-6:2 FTS	*69.8*		*"*	*95.1*		*73.4*	*25-200*				
Surrogate: M2-8:2 FTS	*65.1*		*"*	*96.0*		*67.8*	*25-200*				
Surrogate: M9PFNA	*21.2*		*"*	*25.0*		*84.9*	*25-150*				
Surrogate: M2-4:2 FTS	*64.2*		*"*	*93.8*		*68.4*	*25-150*				
Surrogate: d-N-MeFOSA	*11.5*		*"*	*50.0*		*23.1*	*25-150*				
Surrogate: d-N-EtFOSA	*34.3*		*"*	*50.0*		*68.6*	*25-150*				
Surrogate: M3HFPO-DA	*141*		*"*	*200*		*70.6*	*25-150*				
Surrogate: d9-N-EtFOSE	*121*		*"*	*500*		*24.3*	*25-150*				
Surrogate: d7-N-MeFOSE	*113*		*"*	*500*		*22.7*	*25-150*				
LCS (BA30396-BS1)											Prepared: 01/10/2023 Analyzed: 01/13/2023
Perfluorobutanesulfonic acid (PFBS)	66.6	2.00	ng/L	70.8		94.0	50-150				
Perfluorohexanoic acid (PFHxA)	74.8	2.00	"	80.0		93.5	50-150				
Perfluoroheptanoic acid (PFHpA)	82.3	2.00	"	80.0		103	50-150				
Perfluorohexanesulfonic acid (PFHxS)	82.6	2.00	"	73.2		113	50-150				
Perfluorooctanoic acid (PFOA)	69.9	2.00	"	80.0		87.3	50-150				
Perfluorooctanesulfonic acid (PFOS)	69.2	2.00	"	74.4		93.1	50-150				
Perfluorononanoic acid (PFNA)	66.9	2.00	"	80.0		83.6	50-150				
Perfluorodecanoic acid (PFDA)	72.3	2.00	"	80.0		90.4	50-150				
Perfluoroundecanoic acid (PFUnA)	73.3	2.00	"	80.0		91.6	50-150				
Perfluorododecanoic acid (PFDoA)	77.6	2.00	"	80.0		97.0	50-150				
Perfluorotridecanoic acid (PFTrDA)	91.7	2.00	"	80.0		115	50-150				
Perfluorotetradecanoic acid (PFTA)	73.2	2.00	"	80.0		91.6	50-150				
N-MeFOSAA	73.9	2.00	"	80.0		92.3	50-150				
N-EtFOSAA	71.6	2.00	"	80.0		89.6	50-150				
Perfluoropentanoic acid (PFPeA)	148	4.00	"	160		92.3	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	75.1	2.00	"	80.0		93.9	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	73.9	2.00	"	76.4		96.8	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	68.3	2.00	"	77.2		88.6	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	293	8.00	"	304		96.3	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	279	8.00	"	307		90.8	50-150				
Perfluoro-n-butanoic acid (PFBA)	288	8.00	"	320		90.0	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	148	4.00	"	142		104	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	108	4.00	"	160		67.8	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	156	4.00	"	160		97.7	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	152	4.00	"	160		94.9	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	63.8	2.00	"	75.2		84.8	50-150				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30396 - EPA 1633 Prep											
LCS (BA30396-BS1)								Prepared: 01/10/2023 Analyzed: 01/13/2023			
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	269	8.00	ng/L	300		89.8	50-150				
HFPO-DA (Gen-X)	155	8.00	"	160		96.6	50-150				
11CL-PF3OUdS	185	8.00	"	151		122	50-150				
9CL-PF3ONS	206	8.00	"	150		138	50-150				
ADONA	180	8.00	"	151		119	50-150				
Perfluorododecanesulfonic acid (PFDoS)	63.0	2.00	"	77.6		81.2	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	79.6	2.00	"	76.8		104	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	200	5.00	"	320		62.6	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	1330	25.0	"	1600		83.3	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	1430	25.0	"	1600		89.6	50-150				
N-MeFOSE	717	20.0	"	800		89.7	50-150				
N-MeFOSA	101	2.00	"	80.0		127	50-150				
N-EtFOSE	793	20.0	"	800		99.2	50-150				
N-EtFOSA	48.0	0.200	"	80.0		60.0	50-150				
Surrogate: M3PFBS	*38.7*		"	*46.6*		*83.0*	*25-150*				
Surrogate: M5PFHxA	*43.1*		"	*50.0*		*86.2*	*25-150*				
Surrogate: M4PFHpA	*38.2*		"	*50.0*		*76.3*	*25-150*				
Surrogate: M3PFHxS	*48.4*		"	*47.4*		*102*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*42.5*		"	*50.0*		*85.0*	*25-150*				
Surrogate: M6PFDA	*20.8*		"	*25.0*		*83.2*	*25-150*				
Surrogate: M7PFUdA	*19.5*		"	*25.0*		*78.2*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*17.1*		"	*25.0*		*68.4*	*25-150*				
Surrogate: M2PFTeDA	*14.4*		"	*25.0*		*57.5*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*187*		"	*200*		*93.7*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*44.6*		"	*47.9*		*93.1*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*86.4*		"	*100*		*86.4*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*6.69*		"	*50.0*		*13.4*	*10-150*				
Surrogate: d3-N-MeFOSAA	*72.7*		"	*100*		*72.8*	*25-150*				
Surrogate: d5-N-EtFOSAA	*71.1*		"	*100*		*71.1*	*25-150*				
Surrogate: M2-6:2 FTS	*76.8*		"	*95.1*		*80.7*	*25-200*				
Surrogate: M2-8:2 FTS	*77.2*		"	*96.0*		*80.5*	*25-200*				
Surrogate: M9PFNA	*23.4*		"	*25.0*		*93.4*	*25-150*				
Surrogate: M2-4:2 FTS	*70.5*		"	*93.8*		*75.2*	*25-150*				
Surrogate: d-N-MeFOSA	*9.49*		"	*50.0*		*19.0*	*25-150*				
Surrogate: d-N-EtFOSA	*30.6*		"	*50.0*		*61.2*	*25-150*				
Surrogate: M3HFPO-DA	*140*		"	*200*		*70.3*	*25-150*				
Surrogate: d9-N-EtFOSE	*112*		"	*500*		*22.4*	*25-150*				
Surrogate: d7-N-MeFOSE	*120*		"	*500*		*23.9*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30396 - EPA 1633 Prep											
LCS (BA30396-BS2)								Prepared: 01/10/2023 Analyzed: 01/13/2023			
Perfluorobutanesulfonic acid (PFBS)	7.09	2.00	ng/L	7.08		100	50-150				
Perfluorohexanoic acid (PFHxA)	7.52	2.00	"	8.00		94.0	50-150				
Perfluoroheptanoic acid (PFHpA)	7.43	2.00	"	8.00		92.9	50-150				
Perfluorohexanesulfonic acid (PFHxS)	9.07	2.00	"	7.32		124	50-150				
Perfluorooctanoic acid (PFOA)	7.71	2.00	"	8.00		96.4	50-150				
Perfluorooctanesulfonic acid (PFOS)	6.93	2.00	"	7.44		93.2	50-150				
Perfluorononanoic acid (PFNA)	6.32	2.00	"	8.00		79.0	50-150				
Perfluorodecanoic acid (PFDA)	7.51	2.00	"	8.00		93.9	50-150				
Perfluoroundecanoic acid (PFUnA)	6.76	2.00	"	8.00		84.5	50-150				
Perfluorododecanoic acid (PFDoA)	7.17	2.00	"	8.00		89.7	50-150				
Perfluorotridecanoic acid (PFTrDA)	7.77	2.00	"	8.00		97.1	50-150				
Perfluorotetradecanoic acid (PFTA)	7.77	2.00	"	8.00		97.1	50-150				
N-MeFOSAA	7.70	2.00	"	8.00		96.3	50-150				
N-EtFOSAA	7.81	2.00	"	8.00		97.6	50-150				
Perfluoropentanoic acid (PFPeA)	14.5	4.00	"	16.0		90.4	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	7.11	2.00	"	8.00		88.9	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	7.81	2.00	"	7.64		102	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	7.88	2.00	"	7.72		102	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	28.8	8.00	"	30.4		94.7	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	32.0	8.00	"	30.7		104	50-150				
Perfluoro-n-butanoic acid (PFBA)	27.8	8.00	"	32.0		86.7	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	15.4	4.00	"	14.2		108	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	8.53	4.00	"	16.0		53.3	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	15.8	4.00	"	16.0		98.6	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	14.6	4.00	"	16.0		91.4	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	6.52	2.00	"	7.52		86.7	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	29.2	8.00	"	30.0		97.5	50-150				
HFPO-DA (Gen-X)	12.7	8.00	"	16.0		79.5	50-150				
11CL-PF3OUdS	17.3	8.00	"	15.1		114	50-150				
9CL-PF3ONS	18.9	8.00	"	15.0		126	50-150				
ADONA	16.4	8.00	"	15.1		108	50-150				
Perfluorododecanesulfonic acid (PFDoS)	6.24	2.00	"	7.76		80.5	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	8.88	2.00	"	7.68		116	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	7.10	5.00	"	32.0		22.2	50-150	Low Bias			
3-Perfluoropentyl propanoic acid (FPePA)	51.0	25.0	"	160		31.9	50-150	Low Bias			
3-Perfluoroheptyl propanoic acid (FHpPA)	63.3	25.0	"	160		39.5	50-150	Low Bias			
N-MeFOSE	67.0	20.0	"	80.0		83.7	50-150				
N-MeFOSA	8.68	2.00	"	8.00		109	50-150				
N-EtFOSE	71.6	20.0	"	80.0		89.4	50-150				
N-EtFOSA	5.88	0.200	"	8.00		73.6	50-150				
Surrogate: M3PFBS	*33.7*		*"*	*46.6*		*72.4*	*25-150*				
Surrogate: M5PFHxA	*39.6*		*"*	*50.0*		*79.2*	*25-150*				
Surrogate: M4PFHpA	*36.5*		*"*	*50.0*		*73.1*	*25-150*				
Surrogate: M3PFHxS	*39.9*		*"*	*47.4*		*84.1*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*34.8*		*"*	*50.0*		*69.6*	*25-150*				
Surrogate: M6PFDA	*19.6*		*"*	*25.0*		*78.3*	*25-150*				
Surrogate: M7PFUdA	*21.4*		*"*	*25.0*		*85.4*	*25-150*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30396 - EPA 1633 Prep											
LCS (BA30396-BS2)								Prepared: 01/10/2023 Analyzed: 01/13/2023			
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*17.6*		*ng/L*	*25.0*		*70.4*	*25-150*				
Surrogate: M2PFTeDA	*15.0*		*"*	*25.0*		*59.9*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*165*		*"*	*200*		*82.4*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*42.1*		*"*	*47.9*		*88.0*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*80.0*		*"*	*100*		*80.0*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*6.36*		*"*	*50.0*		*12.7*	*10-150*				
Surrogate: d3-N-MeFOSAA	*74.5*		*"*	*100*		*74.5*	*25-150*				
Surrogate: d5-N-EtFOSAA	*72.1*		*"*	*100*		*72.1*	*25-150*				
Surrogate: M2-6:2 FTS	*65.4*		*"*	*95.1*		*68.8*	*25-200*				
Surrogate: M2-8:2 FTS	*61.9*		*"*	*96.0*		*64.5*	*25-200*				
Surrogate: M9PFNA	*22.0*		*"*	*25.0*		*87.9*	*25-150*				
Surrogate: M2-4:2 FTS	*57.6*		*"*	*93.8*		*61.4*	*25-150*				
Surrogate: d-N-MeFOSA	*9.50*		*"*	*50.0*		*19.0*	*25-150*				
Surrogate: d-N-EtFOSA	*26.1*		*"*	*50.0*		*52.2*	*25-150*				
Surrogate: M3HFPO-DA	*144*		*"*	*200*		*72.1*	*25-150*				
Surrogate: d9-N-EtFOSE	*148*		*"*	*500*		*29.5*	*25-150*				
Surrogate: d7-N-MeFOSE	*124*		*"*	*500*		*24.8*	*25-150*				

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 BA30618 - EPA 3550C											
Blank (BA30618-BLK1)											Prepared: 01/13/2023 Analyzed: 01/16/2023
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	*65.2*		*"*	*66.7*		*97.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*63.4*		*"*	*66.7*		*95.1*	*30-150*				
LCS (BA30618-BS1)											Prepared: 01/13/2023 Analyzed: 01/16/2023
4,4'-DDD	33.1	1.65	ug/kg wet	33.3		99.2	40-140				
4,4'-DDE	32.2	1.65	"	33.3		96.7	40-140				
4,4'-DDT	22.6	1.65	"	33.3		67.7	40-140				
Aldrin	32.8	1.65	"	33.3		98.4	40-140				
alpha-BHC	28.6	1.65	"	33.3		85.8	40-140				
alpha-Chlordane	34.8	1.65	"	33.3		104	40-140				
beta-BHC	34.2	1.65	"	33.3		103	40-140				
delta-BHC	31.0	1.65	"	33.3		92.9	40-140				
Dieldrin	35.0	1.65	"	33.3		105	40-140				
Endosulfan I	36.2	1.65	"	33.3		109	40-140				
Endosulfan II	34.2	1.65	"	33.3		102	40-140				
Endosulfan sulfate	32.6	1.65	"	33.3		97.8	40-140				
Endrin	29.4	1.65	"	33.3		88.2	40-140				
gamma-BHC (Lindane)	37.6	1.65	"	33.3		113	40-140				
Heptachlor	30.0	1.65	"	33.3		90.0	40-140				
Surrogate: Decachlorobiphenyl	*61.6*		*"*	*66.7*		*92.4*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*63.7*		*"*	*66.7*		*95.6*	*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 BA30618 - EPA 3550C											
Blank (BA30618-BLK2)											Prepared: 01/13/2023 Analyzed: 01/16/2023
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	*0.0637*		*"*	*0.0667*		*95.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0540*		*"*	*0.0667*		*81.0*	*30-140*				
LCS (BA30618-BS2)											Prepared: 01/13/2023 Analyzed: 01/16/2023
Aroclor 1016	0.331	0.0167	mg/kg wet	0.333		99.4	40-130				
Aroclor 1260	0.336	0.0167	"	0.333		101	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0627*		*"*	*0.0667*		*94.0*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0497*		*"*	*0.0667*		*74.5*	*30-140*				
Matrix Spike (BA30618-MS2)	*Source sample: 23A0605-02 (Matrix Spike)										Prepared: 01/13/2023 Analyzed: 01/16/2023
Aroclor 1016	0.227	0.0176	mg/kg dry	0.352	ND	64.5	40-140				
Aroclor 1260	0.276	0.0176	"	0.352	0.0436	66.2	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0559*		*"*	*0.0703*		*79.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0517*		*"*	*0.0703*		*73.5*	*30-140*				
Matrix Spike Dup (BA30618-MSD2)	*Source sample: 23A0605-02 (Matrix Spike Dup)										Prepared: 01/13/2023 Analyzed: 01/16/2023
Aroclor 1016	0.244	0.0176	mg/kg dry	0.352	ND	69.3	40-140		7.27	50	
Aroclor 1260	0.297	0.0176	"	0.352	0.0436	72.1	40-140		7.28	50	
Surrogate: Tetrachloro-m-xylene	*0.0566*		*"*	*0.0703*		*80.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0527*		*"*	*0.0703*		*75.0*	*30-140*				

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 BA30733 - EPA 3050B											
Blank (BA30733-BLK1)									Prepared: 01/16/2023 Analyzed: 01/17/2023		
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 (BA30733-DUP1)	*Source sample: 23A0706-04 (Duplicate)								Prepared: 01/16/2023 Analyzed: 01/17/2023		
Arsenic	1.71	1.55	mg/kg dry		ND					35	
Barium	87.6	2.57	"		103				16.5	35	
Beryllium	0.359	0.052	"		0.424				16.5	35	
Cadmium	1.13	0.309	"		0.830				30.6	35	
Chromium	64.7	0.516	"		76.8				17.1	35	
Copper	313	2.06	"		213				37.9	35	Non-dir.
Lead	1470	0.516	"		710				69.4	35	Non-dir.
Manganese	286	0.516	"		239				18.1	35	
Nickel	40.1	1.03	"		39.3				1.94	35	
Selenium	ND	2.58	"		ND					35	
Silver	ND	0.519	"		ND					35	
Zinc	555	2.57	"		999				57.2	35	Non-dir.
Matrix Spike (BA30733-MS1)	*Source sample: 23A0706-04 (Matrix Spike)								Prepared: 01/16/2023 Analyzed: 01/17/2023		
Arsenic	168	1.55	mg/kg dry	206	ND	81.6	75-125				
Barium	275	2.57	"	206	103	83.1	75-125				
Beryllium	4.46	0.052	"	5.15	0.424	78.2	75-125				
Cadmium	5.52	0.309	"	5.15	0.830	91.1	75-125				
Chromium	122	0.516	"	20.6	76.8	217	75-125	High Bias			
Copper	217	2.06	"	25.8	213	14.7	75-125	Low Bias			
Lead	955	0.516	"	51.5	710	476	75-125	High Bias			
Manganese	266	0.516	"	51.5	239	53.9	75-125	Low Bias			
Nickel	98.9	1.03	"	51.5	39.3	116	75-125				
Selenium	106	2.58	"	206	ND	51.6	75-125	Low Bias			
Silver	1.42	0.519	"	5.15	ND	27.6	75-125	Low Bias			
Zinc	900	2.57	"	51.5	999	NR	75-125	Low Bias			

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30733 - EPA 3050B											
Post Spike (BA30733-PS1)	*Source sample: 23A0706-04 (Post Spike)							Prepared: 01/16/2023 Analyzed: 01/17/2023			
Arsenic	1.94		ug/mL	2.00	0.008	96.5	75-125				
Barium	2.85		"	2.00	1.00	92.4	75-125				
Beryllium	0.049		"	0.0500	0.004	89.4	75-125				
Cadmium	0.055		"	0.0500	0.008	93.4	75-125				
Chromium	0.878		"	0.200	0.746	66.4	75-125	Low Bias			
Copper	2.26		"	0.250	2.07	77.4	75-125				
Lead	6.94		"	0.500	6.89	10.4	75-125	Low Bias			
Manganese	2.70		"	0.500	2.32	77.6	75-125				
Nickel	0.856		"	0.500	0.381	95.0	75-125				
Selenium	1.21		"	2.00	-0.263	60.7	75-125	Low Bias			
Silver	0.017		"	0.0500	-0.028	34.7	75-125	Low Bias			
Zinc	9.62		"	0.500	9.70	NR	75-125	Low Bias			
Reference (BA30733-SRM1)								Prepared: 01/16/2023 Analyzed: 01/17/2023			
Arsenic	86.9	1.25	mg/kg wet	87.4		99.4	70-130.4				
Barium	354	2.08	"	347		102	75.2-130.3				
Beryllium	95.3	0.042	"	103		92.5	74.8-132				
Cadmium	152	0.250	"	160		95.3	75-145.6				
Chromium	217	0.417	"	231		94.0	70.1-134.2				
Copper	149	1.67	"	144		103	75-126.4				
Lead	250	0.417	"	266		94.0	74.1-125.9				
Manganese	528	0.417	"	555		95.2	77.3-132.8				
Nickel	345	0.830	"	350		98.7	70-144				
Selenium	80.4	2.08	"	130		61.9	66.9-133.8	Low Bias			
Silver	54.2	0.420	"	57.1		94.9	70.2-129.8				
Zinc	145	2.08	"	160		90.8	70-130				

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 BA30555 - EPA 7473 soil											
Blank (BA30555-BLK1)								Prepared & Analyzed: 01/12/2023			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BA30555-DUP1)	*Source sample: 23A0490-14 (Duplicate)							Prepared & Analyzed: 01/12/2023			
Mercury	0.408	0.0346	mg/kg dry		0.444				8.49	35	
Matrix Spike (BA30555-MS1)	*Source sample: 23A0490-14 (Matrix Spike)							Prepared & Analyzed: 01/12/2023			
Mercury	0.742		mg/kg	0.500	0.386	71.3	75-125	Low Bias			
Reference (BA30555-SRM1)								Prepared & Analyzed: 01/12/2023			
Mercury	21.496		mg/kg	27.2		79.0	59.9-140.1				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30524 - EPA SW846-3060											
Blank (BA30524-BLK1)								Prepared & Analyzed: 01/12/2023			
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Duplicate (BA30524-DUP1)	*Source sample: 23A0500-01 (Q4-CS-Composite 1)							Prepared & Analyzed: 01/12/2023			
Chromium, Hexavalent	ND	0.546	mg/kg dry		ND					35	
Matrix Spike (BA30524-MS1)	*Source sample: 23A0500-01 (Q4-CS-Composite 1)							Prepared & Analyzed: 01/12/2023			
Chromium, Hexavalent	15.8	0.546	mg/kg dry	21.8	ND	72.2	75-125	Low Bias			
Reference (BA30524-SRM1)								Prepared & Analyzed: 01/12/2023			
Chromium, Hexavalent	136		mg/L	227		59.8	42.3-157.7				
Batch BA30575 - Analysis Preparation Soil											
Blank (BA30575-BLK1)								Prepared & Analyzed: 01/12/2023			
Cyanide, total	ND	0.500	mg/kg wet								
Duplicate (BA30575-DUP1)	*Source sample: 23A0447-01 (Duplicate)							Prepared & Analyzed: 01/12/2023			
Cyanide, total	ND	0.532	mg/kg dry		ND					15	
Matrix Spike (BA30575-MS1)	*Source sample: 23A0447-01 (Matrix Spike)							Prepared & Analyzed: 01/12/2023			
Cyanide, total	10.1	0.532	mg/kg dry	10.6	ND	94.6	79.6-107				
Reference (BA30575-SRM1)								Prepared & Analyzed: 01/12/2023			
Cyanide, total	130		ug/mL	131		99.4	44.4-156.5				

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 BA30650 - % Solids Prep											
Duplicate (BA30650-DUP1)	*Source sample: 23A0550-01 (Duplicate)								Prepared & Analyzed: 01/13/2023		
% Solids	60.6	0.100	%		62.9				3.73	20	
Batch BA30667 - % Solids Prep											
Duplicate (BA30667-DUP1)	*Source sample: 23A0701-01 (Duplicate)								Prepared & Analyzed: 01/13/2023		
% Solids	91.4	0.100	%		91.4				0.0516	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
23A0500-04	Q4-CS-Grab 1	40mL Vial with Stir Bar-Cool 4° C
23A0500-05	Q4-CS-Grab 2	40mL Vial with Stir Bar-Cool 4° C
23A0500-06	Q4-CS-Grab 3	40mL Vial with Stir Bar-Cool 4° C
23A0500-07	Q4-CS-Grab 4	40mL Vial with Stir Bar-Cool 4° C
23A0500-08	Q4-CS-Grab 5	40mL Vial with Stir Bar-Cool 4° C
23A0500-09	Q4-CS-Grab 6	40mL Vial with Stir Bar-Cool 4° C

Sample and Data Qualifiers Relating to This Work Order

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
M-SPKM	The spike recovery is not within acceptance windows due to sample non-homogeneity, or matrix interference.
M-PS	This Element exhibted recovery outside control limits for the Post Spike.
M-DUPS	The RPD between the native sample and the duplicate is outside of limits due to sample non-homogeneity
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document.
This 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. 23A0500

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | clientservices@yorklab.com | www.yorklab.com | 800-306-YORK | 800-306-9675

YOUR Information	Report To:	Invoice To:
Company: Laurel Environmental	Company: Scott	Company: Kathy
Address: 53 W Hills Rd, Huntington Station, NY, 11746	Address:	Address:
Phone: 631-673-0612	Phone:	Phone:
Contact: Scott Yanuck	Contact:	Contact:
E-mail: labresults@laurelenv.com	E-mail:	E-mail:

YOUR Project Number: 19-401

YOUR Project Name: 27-09 40th Ave, LIC, NY

YOUR PO#:

Turn-Around Time

RUSH - Next Day	
RUSH - Two Day	
RUSH - Three Day	
RUSH - Four Day	
Standard (5-7 Day)	X

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

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 (X); New Jersey; Connecticut; Pennsylvania; Other:

Report / EDD Type (circle selections): Summary Report; QA Report; NY ASP A Package; NY ASP B Package; CT RCP; CT RCP DQA/DUE; NJDEP Reduced Deliverables; NJDKQP; Standard Excel EDD; EQuIS (Standard); NYSDEC EQuIS; NJDEP SRP HazSite; Other:

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
Q4-CS-Composite 1	S	1/10/2023 13:30	Part 375: SVOCs, Metals, PCBs, Pesticides, PFAs, Cr6+, Cyanide	(1) 8oz (1) 4oz (1) 250mL
Q4-CS-Composite 2	S	1/10/2023 13:30		
Field Blank	W (QNQC)	1/10/2023 17:00	PFAS 1633	(3) 250mL
Q4-CS-Grab 1	S	13:05 ~~10:00~~ CG	Part ~~375~~ 375 VOCs	(3) 40mL VOA
Q4-CS-Grab 2		13:05 ~~10:05~~ CG		
Q4-CS-Grab 3		13:10 ~~10:20~~ CG		
Q4-CS-Grab 4		13:15 ~~10:30~~ CG		
Q4-CS-Grab 5		12:5~~5~~ ~~10:45~~ CG		
Q4-CS-Grab 6		13:0~~0~~ ~~10:50~~ CG		

Comments: 5 Day rush all samples

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

Preservation: (check all that apply) HCl ___ MeOH ✓ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other: DI Water

Special Instruction: Field Filtered ___ Lab to Filter ___

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Laurel	1/11/23 09:00	KBarkwork	1/11/23 0845	KBarkwork 1/11/23	1700
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
3. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				[signature] 1/11/23	1700 / 3.2 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: 01/13/2023
Client Project ID: 27-09 40th Avenue LIC 19-401
York Project (SDG) No.: 23A0215

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

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: 01/13/2023
Client Project ID: 27-09 40th Avenue LIC 19-401
York Project (SDG) No.: 23A0215

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 January 05, 2023 and listed below. The project was identified as your project: **27-09 40th Avenue LIC 19-401**.

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
23A0215-01	Grid 5 CS-1	Soil	01/04/2023	01/05/2023
23A0215-02	Grid 5 CS-2	Soil	01/04/2023	01/05/2023
23A0215-03	Grid 5 CS-3	Soil	01/04/2023	01/05/2023
23A0215-04	Grid 5 CS-4	Soil	01/04/2023	01/05/2023
23A0215-05	Grid 5 CS-5	Soil	01/04/2023	01/05/2023
23A0215-06	Grid 5 CS-1	Soil	01/04/2023	01/05/2023
23A0215-07	Grid 5 CS-2	Soil	01/04/2023	01/05/2023

General Notes for York Project (SDG) No.: 23A0215

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

Approved By:  **Date:** 01/13/2023

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: Grid 5 CS-1 **York Sample ID:** 23A0215-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0215	27-09 40th Avenue LIC 19-401	Soil	January 4, 2023 12:20 pm	01/05/2023

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:48	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:48	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:48	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:48	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:48	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:48	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:48	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:48	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:48	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		ug/kg dry	66	130	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:48	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:48	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	Acetone	ND		ug/kg dry	6.6	13	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:48	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:48	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:48	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:48	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:48	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:48	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:48	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:48	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-09-2	Methylene chloride	ND		ug/kg dry	6.6	13	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:48	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
91-20-3	Naphthalene	ND		ug/kg dry	3.3	13	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:48	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:48	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:48	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: Grid 5 CS-1 **York Sample ID:** 23A0215-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0215	27-09 40th Avenue LIC 19-401	Soil	January 4, 2023 12:20 pm	01/05/2023

Volatile Organics, NYSDEC Part 375 List

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		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	01/06/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	01/06/2023 17:48	FTR
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.6	13	1	EPA 8260C Certifications:	01/06/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	01/06/2023 17:48	FTR
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	01/06/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/06/2023 17:48	FTR
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	01/06/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/06/2023 17:48	FTR
127-18-4	**Tetrachloroethylene**	**10**		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	01/06/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	01/06/2023 17:48	FTR
108-88-3	Toluene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	01/06/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/06/2023 17:48	FTR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	01/06/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/06/2023 17:48	FTR
79-01-6	Trichloroethylene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	01/06/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/06/2023 17:48	FTR
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	01/06/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/06/2023 17:48	FTR
1330-20-7	Xylenes, Total	ND		ug/kg dry	10	20	1	EPA 8260C Certifications:	01/06/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	01/06/2023 17:48	FTR

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*107 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*89.9 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*85.3 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**92.5**		%	0.100	1	SM 2540G Certifications:	01/05/2023 19:56 CTDOH-PH-0723	01/05/2023 23:14	AGNR

Sample Information

Client Sample ID: Grid 5 CS-2 **York Sample ID:** 23A0215-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0215	27-09 40th Avenue LIC 19-401	Soil	January 4, 2023 12:25 pm	01/05/2023

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: Grid 5 CS-2 **York Sample ID:** 23A0215-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0215	27-09 40th Avenue LIC 19-401	Soil	January 4, 2023 12:25 pm	01/05/2023

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	01/06/2023 09:00	01/06/2023 18:14	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	01/06/2023 09:00	01/06/2023 18:14	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	01/06/2023 09:00	01/06/2023 18:14	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	01/06/2023 09:00	01/06/2023 18:14	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	01/06/2023 09:00	01/06/2023 18:14	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	01/06/2023 09:00	01/06/2023 18:14	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	01/06/2023 09:00	01/06/2023 18:14	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	01/06/2023 09:00	01/06/2023 18:14	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	01/06/2023 09:00	01/06/2023 18:14	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
123-91-1	1,4-Dioxane	ND		ug/kg dry	58	120	1	EPA 8260C	01/06/2023 09:00	01/06/2023 18:14	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	01/06/2023 09:00	01/06/2023 18:14	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-64-1	**Acetone**	**7.0**	J	ug/kg dry	5.8	12	1	EPA 8260C	01/06/2023 09:00	01/06/2023 18:14	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
71-43-2	Benzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	01/06/2023 09:00	01/06/2023 18:14	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	01/06/2023 09:00	01/06/2023 18:14	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-90-7	Chlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	01/06/2023 09:00	01/06/2023 18:14	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-66-3	**Chloroform**	**4.6**	J	ug/kg dry	2.9	5.8	1	EPA 8260C	01/06/2023 09:00	01/06/2023 18:14	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	01/06/2023 09:00	01/06/2023 18:14	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	01/06/2023 09:00	01/06/2023 18:14	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	01/06/2023 09:00	01/06/2023 18:14	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-09-2	**Methylene chloride**	**7.8**	J, B	ug/kg dry	5.8	12	1	EPA 8260C	01/06/2023 09:00	01/06/2023 18:14	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
91-20-3	Naphthalene	ND		ug/kg dry	2.9	12	1	EPA 8260C	01/06/2023 09:00	01/06/2023 18:14	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	01/06/2023 09:00	01/06/2023 18:14	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	01/06/2023 09:00	01/06/2023 18:14	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-47-6	o-Xylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	01/06/2023 09:00	01/06/2023 18:14	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		

Sample Information

Client Sample ID: Grid 5 CS-2 **York Sample ID:** 23A0215-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0215	27-09 40th Avenue LIC 19-401	Soil	January 4, 2023 12:25 pm	01/05/2023

Volatile Organics, NYSDEC Part 375 List

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
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.8	12	1	EPA 8260C	01/06/2023 09:00	01/06/2023 18:14	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	01/06/2023 09:00	01/06/2023 18:14	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	01/06/2023 09:00	01/06/2023 18:14	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
127-18-4	**Tetrachloroethylene**	**20**		ug/kg dry	2.9	5.8	1	EPA 8260C	01/06/2023 09:00	01/06/2023 18:14	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
108-88-3	Toluene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	01/06/2023 09:00	01/06/2023 18:14	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	01/06/2023 09:00	01/06/2023 18:14	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-01-6	Trichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	01/06/2023 09:00	01/06/2023 18:14	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	01/06/2023 09:00	01/06/2023 18:14	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.7	17	1	EPA 8260C	01/06/2023 09:00	01/06/2023 18:14	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*96.1 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*91.2 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*85.8 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.2**		%	0.100	1	SM 2540G	01/05/2023 19:56	01/05/2023 23:14	AGNR
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: Grid 5 CS-3 **York Sample ID:** 23A0215-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0215	27-09 40th Avenue LIC 19-401	Soil	January 4, 2023 12:30 pm	01/05/2023

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: Grid 5 CS-3 **York Sample ID:** 23A0215-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0215	27-09 40th Avenue LIC 19-401	Soil	January 4, 2023 12:30 pm	01/05/2023

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
123-91-1	1,4-Dioxane	ND		ug/kg dry	61	120	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
78-93-3	2-Butanone	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
67-64-1	Acetone	ND		ug/kg dry	6.1	12	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
71-43-2	Benzene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-90-7	Chlorobenzene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
67-66-3	Chloroform	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-09-2	Methylene chloride	ND		ug/kg dry	6.1	12	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
91-20-3	Naphthalene	ND		ug/kg dry	3.1	12	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
95-47-6	o-Xylene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	FTR

Sample Information

Client Sample ID: Grid 5 CS-3 **York Sample ID:** 23A0215-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0215	27-09 40th Avenue LIC 19-401	Soil	January 4, 2023 12:30 pm	01/05/2023

Volatile Organics, NYSDEC Part 375 List

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
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.1	12	1	EPA 8260C	01/06/2023 09:00	01/06/2023 18:40	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C	01/06/2023 09:00	01/06/2023 18:40	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C	01/06/2023 09:00	01/06/2023 18:40	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
127-18-4	**Tetrachloroethylene**	**13**		ug/kg dry	3.1	6.1	1	EPA 8260C	01/06/2023 09:00	01/06/2023 18:40	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
108-88-3	Toluene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C	01/06/2023 09:00	01/06/2023 18:40	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C	01/06/2023 09:00	01/06/2023 18:40	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-01-6	Trichloroethylene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C	01/06/2023 09:00	01/06/2023 18:40	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.1	6.1	1	EPA 8260C	01/06/2023 09:00	01/06/2023 18:40	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		ug/kg dry	9.2	18	1	EPA 8260C	01/06/2023 09:00	01/06/2023 18:40	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*99.4 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*90.4 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*86.7 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.4**		%	0.100	1	SM 2540G	01/05/2023 19:56	01/05/2023 23:14	AGNR
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: Grid 5 CS-4 **York Sample ID:** 23A0215-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0215	27-09 40th Avenue LIC 19-401	Soil	January 4, 2023 12:35 pm	01/05/2023

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: Grid 5 CS-4 **York Sample ID:** 23A0215-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0215	27-09 40th Avenue LIC 19-401	Soil	January 4, 2023 12:35 pm	01/05/2023

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
123-91-1	1,4-Dioxane	ND		ug/kg dry	65	130	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:07 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
78-93-3	2-Butanone	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
67-64-1	Acetone	ND		ug/kg dry	6.5	13	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
71-43-2	Benzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-90-7	Chlorobenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
67-66-3	Chloroform	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-09-2	Methylene chloride	ND		ug/kg dry	6.5	13	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
91-20-3	Naphthalene	ND		ug/kg dry	3.3	13	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:07 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
95-47-6	o-Xylene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	FTR

Sample Information

Client Sample ID: Grid 5 CS-4 **York Sample ID:** 23A0215-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0215	27-09 40th Avenue LIC 19-401	Soil	January 4, 2023 12:35 pm	01/05/2023

Volatile Organics, NYSDEC Part 375 List

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
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.5	13	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:07	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:07	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:07	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
127-18-4	**Tetrachloroethylene**	**16**		ug/kg dry	3.3	6.5	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:07	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
108-88-3	Toluene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:07	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:07	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-01-6	Trichloroethylene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:07	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.3	6.5	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:07	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		ug/kg dry	9.8	20	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:07	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*100 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*90.7 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*86.8 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.4**		%	0.100	1	SM 2540G	01/05/2023 19:56	01/05/2023 23:14	AGNR
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: Grid 5 CS-5 **York Sample ID:** 23A0215-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0215	27-09 40th Avenue LIC 19-401	Soil	January 4, 2023 12:40 pm	01/05/2023

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: Grid 5 CS-5 **York Sample ID:** 23A0215-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0215	27-09 40th Avenue LIC 19-401	Soil	January 4, 2023 12:40 pm	01/05/2023

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
123-91-1	1,4-Dioxane	ND		ug/kg dry	64	130	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:33	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-64-1	**Acetone**	**6.5**	J	ug/kg dry	6.4	13	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
71-43-2	Benzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-90-7	Chlorobenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-66-3	**Chloroform**	**4.4**	J	ug/kg dry	3.2	6.4	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-09-2	**Methylene chloride**	**6.6**	J, B	ug/kg dry	6.4	13	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
91-20-3	Naphthalene	ND		ug/kg dry	3.2	13	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:33	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-47-6	o-Xylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		

Sample Information

Client Sample ID: Grid 5 CS-5 **York Sample ID:** 23A0215-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0215	27-09 40th Avenue LIC 19-401	Soil	January 4, 2023 12:40 pm	01/05/2023

Volatile Organics, NYSDEC Part 375 List

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
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.4	13	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
127-18-4	**Tetrachloroethylene**	**22**		ug/kg dry	3.2	6.4	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
108-88-3	Toluene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-01-6	Trichloroethylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		ug/kg dry	9.6	19	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:33	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*100 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*90.5 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*86.3 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.3**		%	0.100	1	SM 2540G	01/05/2023 19:56	01/05/2023 23:14	AGNR
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: Grid 5 CS-1 **York Sample ID:** 23A0215-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0215	27-09 40th Avenue LIC 19-401	Soil	January 4, 2023 12:45 pm	01/05/2023

Semi-Volatiles, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: Grid 5 CS-1 **York Sample ID:** 23A0215-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0215	27-09 40th Avenue LIC 19-401	Soil	January 4, 2023 12:45 pm	01/05/2023

Sample Prepared by 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	45.7	91.2	2	EPA 8270D	01/08/2023 09:09	01/09/2023 19:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	45.7	91.2	2	EPA 8270D	01/08/2023 09:09	01/09/2023 19:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
83-32-9	**Acenaphthene**	**63.4**	J	ug/kg dry	45.7	91.2	2	EPA 8270D	01/08/2023 09:09	01/09/2023 19:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D	01/08/2023 09:09	01/09/2023 19:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**130**		ug/kg dry	45.7	91.2	2	EPA 8270D	01/08/2023 09:09	01/09/2023 19:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
56-55-3	**Benzo(a)anthracene**	**225**		ug/kg dry	45.7	91.2	2	EPA 8270D	01/08/2023 09:09	01/09/2023 19:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**212**		ug/kg dry	45.7	91.2	2	EPA 8270D	01/08/2023 09:09	01/09/2023 19:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**166**		ug/kg dry	45.7	91.2	2	EPA 8270D	01/08/2023 09:09	01/09/2023 19:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**135**		ug/kg dry	45.7	91.2	2	EPA 8270D	01/08/2023 09:09	01/09/2023 19:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**167**		ug/kg dry	45.7	91.2	2	EPA 8270D	01/08/2023 09:09	01/09/2023 19:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**220**		ug/kg dry	45.7	91.2	2	EPA 8270D	01/08/2023 09:09	01/09/2023 19:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D	01/08/2023 09:09	01/09/2023 19:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
132-64-9	**Dibenzofuran**	**59.1**	J	ug/kg dry	45.7	91.2	2	EPA 8270D	01/08/2023 09:09	01/09/2023 19:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**586**		ug/kg dry	45.7	91.2	2	EPA 8270D	01/08/2023 09:09	01/09/2023 19:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
86-73-7	**Fluorene**	**68.6**	J	ug/kg dry	45.7	91.2	2	EPA 8270D	01/08/2023 09:09	01/09/2023 19:15	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D	01/08/2023 09:09	01/09/2023 19:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**131**		ug/kg dry	45.7	91.2	2	EPA 8270D	01/08/2023 09:09	01/09/2023 19:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-20-3	**Naphthalene**	**96.3**		ug/kg dry	45.7	91.2	2	EPA 8270D	01/08/2023 09:09	01/09/2023 19:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		ug/kg dry	45.7	91.2	2	EPA 8270D	01/08/2023 09:09	01/09/2023 19:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**661**		ug/kg dry	45.7	91.2	2	EPA 8270D	01/08/2023 09:09	01/09/2023 19:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		ug/kg dry	45.7	91.2	2	EPA 8270D	01/08/2023 09:09	01/09/2023 19:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**530**		ug/kg dry	45.7	91.2	2	EPA 8270D	01/08/2023 09:09	01/09/2023 19:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: Grid 5 CS-1 **York Sample ID:** 23A0215-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0215	27-09 40th Avenue LIC 19-401	Soil	January 4, 2023 12:45 pm	01/05/2023

Semi-Volatiles, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*54.9 %*			*20-108*						
4165-62-2	*Surrogate: SURR: Phenol-d5*	*56.6 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*58.8 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*59.9 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*77.9 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*74.2 %*			*24-116*						

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:46	ESJ
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:46	ESJ
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:46	ESJ
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:46	ESJ
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:46	ESJ
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:46	ESJ
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:46	ESJ
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:46	ESJ
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:46	ESJ
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:46	ESJ
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:46	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:46	ESJ
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:46	ESJ
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:46	ESJ
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.436	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:46	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:46	ESJ

Sample Information

Client Sample ID: Grid 5 CS-1 **York Sample ID:** 23A0215-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0215	27-09 40th Avenue LIC 19-401	Soil	January 4, 2023 12:45 pm	01/05/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:46	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:46	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.871	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:46	ESJ
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.871	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:46	ESJ
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.871	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:46	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.436	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:46	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.436	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:46	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.436	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:46	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.436	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:46	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:46	ESJ
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.871	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:46	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.871	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:46	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.871	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:46	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.871	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:46	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	0.871	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:46	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:46	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:46	ESJ
356-02-2	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	1.09	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:46	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	5.44	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:46	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	5.44	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:46	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	2.18	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:46	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:46	ESJ

Sample Information

Client Sample ID: Grid 5 CS-1 **York Sample ID:** 23A0215-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0215	27-09 40th Avenue LIC 19-401	Soil	January 4, 2023 12:45 pm	01/05/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1691-99-2	* N-EtFOSE	ND		ug/kg dry	2.18	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:46	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.218	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:46	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*94.5 %*	*25-150*
Surrogate: M5PFHxA	*93.2 %*	*25-150*
Surrogate: M4PFHpA	*87.4 %*	*25-150*
Surrogate: M3PFHxS	*98.3 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*85.3 %*	*25-150*
Surrogate: M6PFDA	*98.2 %*	*25-150*
Surrogate: M7PFUdA	*81.4 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*77.8 %*	*25-150*
Surrogate: M2PFTeDA	*48.4 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*99.7 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*99.4 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*99.3 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*95.7 %*	*10-150*
Surrogate: d3-N-MeFOSAA	*70.4 %*	*25-150*
Surrogate: d5-N-EtFOSAA	*70.2 %*	*25-150*
Surrogate: M2-6:2 FTS	*70.1 %*	*25-200*
Surrogate: M2-8:2 FTS	*78.2 %*	*25-200*
Surrogate: M9PFNA	*87.6 %*	*25-150*
Surrogate: M2-4:2 FTS	*62.4 %*	*25-150*
Surrogate: d-N-MeFOSA	*68.0 %*	*25-150*
Surrogate: d-N-EtFOSA	*99.5 %*	*25-150*
Surrogate: M3HFPO-DA	*81.9 %*	*25-150*
Surrogate: d9-N-EtFOSE	*55.7 %*	*25-150*
Surrogate: d7-N-MeFOSE	*62.6 %*	*25-150*

Sample Information

Client Sample ID: Grid 5 CS-1 **York Sample ID:** 23A0215-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0215	27-09 40th Avenue LIC 19-401	Soil	January 4, 2023 12:45 pm	01/05/2023

Pesticides, NYSDEC Part 375 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.63	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 22:16	BJ-
72-55-9	4,4'-DDE	ND		ug/kg dry	1.63	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 22:16	BJ-
50-29-3	4,4'-DDT	ND		ug/kg dry	1.63	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 22:16	BJ-
309-00-2	Aldrin	ND		ug/kg dry	1.63	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 22:16	BJ-
319-84-6	alpha-BHC	ND		ug/kg dry	1.63	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 22:16	BJ-
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.63	5	EPA 8081B Certifications:	01/06/2023 08:51 NELAC-NY10854,NJDEP	01/09/2023 22:16	BJ-
319-85-7	beta-BHC	ND		ug/kg dry	1.63	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 22:16	BJ-
319-86-8	delta-BHC	ND		ug/kg dry	1.63	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 22:16	BJ-
60-57-1	Dieldrin	ND		ug/kg dry	1.63	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 22:16	BJ-
959-98-8	Endosulfan I	ND		ug/kg dry	1.63	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 22:16	BJ-
33213-65-9	Endosulfan II	ND		ug/kg dry	1.63	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854	01/09/2023 22:16	BJ-
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.63	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 22:16	BJ-
72-20-8	Endrin	ND		ug/kg dry	1.63	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 22:16	BJ-
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.63	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 22:16	BJ-
76-44-8	Heptachlor	ND		ug/kg dry	1.63	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 22:16	BJ-

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*70.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*77.7 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications:	01/06/2023 08:51 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/10/2023 03:27	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications:	01/06/2023 08:51 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/10/2023 03:27	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications:	01/06/2023 08:51 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/10/2023 03:27	BJ

Sample Information

Client Sample ID: Grid 5 CS-1 **York Sample ID:** 23A0215-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0215	27-09 40th Avenue LIC 19-401	Soil	January 4, 2023 12:45 pm	01/05/2023

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications:	01/06/2023 08:51 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/10/2023 03:27	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications:	01/06/2023 08:51 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/10/2023 03:27	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications:	01/06/2023 08:51 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/10/2023 03:27	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications:	01/06/2023 08:51 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/10/2023 03:27	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications:	01/06/2023 08:51	01/10/2023 03:27	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*84.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*88.5 %*	*30-140*

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**	**1.81**		mg/kg dry	1.37	1	EPA 6010D Certifications:	01/09/2023 14:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 15:19	CW
7440-39-3	**Barium**	**39.1**		mg/kg dry	2.28	1	EPA 6010D Certifications:	01/09/2023 14:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 15:19	CW
7440-41-7	**Beryllium**	**0.535**		mg/kg dry	0.046	1	EPA 6010D Certifications:	01/09/2023 14:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 15:19	CW
7440-43-9	Cadmium	ND		mg/kg dry	0.274	1	EPA 6010D Certifications:	01/09/2023 14:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 15:19	CW
7440-47-3	**Chromium**	**15.5**		mg/kg dry	0.458	1	EPA 6010D Certifications:	01/09/2023 14:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 15:19	CW
7440-50-8	**Copper**	**14.5**		mg/kg dry	1.83	1	EPA 6010D Certifications:	01/09/2023 14:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 15:19	CW
7439-92-1	**Lead**	**15.0**		mg/kg dry	0.458	1	EPA 6010D Certifications:	01/09/2023 14:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 15:19	CW
7439-96-5	**Manganese**	**326**		mg/kg dry	0.458	1	EPA 6010D Certifications:	01/09/2023 14:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 15:19	CW
7440-02-0	**Nickel**	**13.4**		mg/kg dry	0.911	1	EPA 6010D Certifications:	01/09/2023 14:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 15:19	CW
7782-49-2	Selenium	ND		mg/kg dry	2.29	1	EPA 6010D Certifications:	01/09/2023 14:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 15:19	CW
7440-22-4	Silver	ND		mg/kg dry	0.461	1	EPA 6010D Certifications:	01/09/2023 14:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 15:19	CW
7440-66-6	**Zinc**	**30.3**		mg/kg dry	2.28	1	EPA 6010D Certifications:	01/09/2023 14:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 15:19	CW

Sample Information

Client Sample ID: Grid 5 CS-1 **York Sample ID:** 23A0215-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0215	27-09 40th Avenue LIC 19-401	Soil	January 4, 2023 12:45 pm	01/05/2023

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0329	1	EPA 7473	01/06/2023 10:06	01/06/2023 14:38	MR
							Certifications: CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP			

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	0.549	1	EPA 7196A	01/09/2023 07:46	01/09/2023 15:01	LAR
							Certifications: NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP			

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	0.549	1	EPA 9014/9010C	01/06/2023 14:31	01/06/2023 19:35	SL
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			

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**	**91.1**		%	0.100	1	SM 2540G	01/05/2023 21:18	01/05/2023 23:24	AGNR
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: Grid 5 CS-2 **York Sample ID:** 23A0215-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0215	27-09 40th Avenue LIC 19-401	Soil	January 4, 2023 12:50 pm	01/05/2023

Semi-Volatiles, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by 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	45.6	90.9	2	EPA 8270D	01/08/2023 09:09	01/09/2023 19:45	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	45.6	90.9	2	EPA 8270D	01/08/2023 09:09	01/09/2023 19:45	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
83-32-9	Acenaphthene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D	01/08/2023 09:09	01/09/2023 19:45	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: Grid 5 CS-2 **York Sample ID:** 23A0215-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0215	27-09 40th Avenue LIC 19-401	Soil	January 4, 2023 12:50 pm	01/05/2023

Semi-Volatiles, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
208-96-8	Acenaphthylene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications:	01/08/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 19:45	KH
120-12-7	Anthracene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications:	01/08/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 19:45	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications:	01/08/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 19:45	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications:	01/08/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 19:45	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications:	01/08/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 19:45	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications:	01/08/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 19:45	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications:	01/08/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 19:45	KH
218-01-9	Chrysene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications:	01/08/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 19:45	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications:	01/08/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 19:45	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications:	01/08/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 19:45	KH
206-44-0	**Fluoranthene**	**48.7**	J	ug/kg dry	45.6	90.9	2	EPA 8270D Certifications:	01/08/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 19:45	KH
86-73-7	Fluorene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications:	01/08/2023 09:09 NELAC-NY10854,NJDEP,PADEP	01/09/2023 19:45	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications:	01/08/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 19:45	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications:	01/08/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 19:45	KH
91-20-3	Naphthalene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications:	01/08/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 19:45	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications:	01/08/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 19:45	KH
85-01-8	Phenanthrene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications:	01/08/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 19:45	KH
108-95-2	Phenol	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications:	01/08/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 19:45	KH
129-00-0	Pyrene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications:	01/08/2023 09:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 19:45	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*49.0 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*49.3 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*50.8 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*49.8 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*61.2 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*59.3 %*	*24-116*

Sample Information

Client Sample ID: Grid 5 CS-2 **York Sample ID:** 23A0215-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0215	27-09 40th Avenue LIC 19-401	Soil	January 4, 2023 12:50 pm	01/05/2023

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

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.217	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 14:02	ESJ
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.217	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 14:02	ESJ
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.217	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 14:02	ESJ
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.217	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 14:02	ESJ
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.217	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 14:02	ESJ
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.217	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 14:02	ESJ
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.217	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 14:02	ESJ
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.217	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 14:02	ESJ
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.217	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 14:02	ESJ
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.217	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 14:02	ESJ
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.217	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 14:02	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.217	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 14:02	ESJ
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.217	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 14:02	ESJ
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.217	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 14:02	ESJ
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.434	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 14:02	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.217	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 14:02	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.217	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 14:02	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.217	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 14:02	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.868	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 14:02	ESJ
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.868	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 14:02	ESJ
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.868	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 14:02	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.434	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 14:02	ESJ

Sample Information

Client Sample ID: Grid 5 CS-2 **York Sample ID:** 23A0215-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0215	27-09 40th Avenue LIC 19-401	Soil	January 4, 2023 12:50 pm	01/05/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.434	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 14:02	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.434	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 14:02	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.434	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 14:02	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.217	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 14:02	ESJ
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.868	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 14:02	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.868	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 14:02	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.868	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 14:02	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.868	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 14:02	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	0.868	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 14:02	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.217	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 14:02	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.217	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 14:02	ESJ
356-02-2	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	1.09	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 14:02	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	5.43	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 14:02	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	5.43	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 14:02	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	2.17	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 14:02	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.217	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 14:02	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	2.17	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 14:02	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.217	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 14:02	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*84.9 %*	*25-150*
Surrogate: M5PFHxA	*101 %*	*25-150*
Surrogate: M4PFHpA	*93.7 %*	*25-150*
Surrogate: M3PFHxS	*91.9 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*84.7 %*	*25-150*
Surrogate: M6PFDA	*88.4 %*	*25-150*
Surrogate: M7PFUdA	*73.7 %*	*25-150*

Sample Information

Client Sample ID: Grid 5 CS-2 **York Sample ID:** 23A0215-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0215	27-09 40th Avenue LIC 19-401	Soil	January 4, 2023 12:50 pm	01/05/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*63.2 %*		*25-150*						
	Surrogate: M2PFTeDA	*49.5 %*		*10-150*						
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*103 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*91.4 %*		*25-150*						
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*106 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*90.9 %*		*10-150*						
	Surrogate: d3-N-MeFOSAA	*66.5 %*		*25-150*						
	Surrogate: d5-N-EtFOSAA	*70.1 %*		*25-150*						
	Surrogate: M2-6:2 FTS	*66.5 %*		*25-200*						
	Surrogate: M2-8:2 FTS	*65.9 %*		*25-200*						
	Surrogate: M9PFNA	*98.7 %*		*25-150*						
	Surrogate: M2-4:2 FTS	*63.1 %*		*25-150*						
	Surrogate: d-N-MeFOSA	*72.4 %*		*25-150*						
	Surrogate: d-N-EtFOSA	*101 %*		*25-150*						
	Surrogate: M3HFPO-DA	*90.9 %*		*25-150*						
	Surrogate: d9-N-EtFOSE	*54.6 %*		*25-150*						
	Surrogate: d7-N-MeFOSE	*63.6 %*		*25-150*						

Pesticides, NYSDEC Part 375 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.62	5	EPA 8081B	01/06/2023 08:51	01/09/2023 22:33	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		ug/kg dry	1.62	5	EPA 8081B	01/06/2023 08:51	01/09/2023 22:33	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		ug/kg dry	1.62	5	EPA 8081B	01/06/2023 08:51	01/09/2023 22:33	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/kg dry	1.62	5	EPA 8081B	01/06/2023 08:51	01/09/2023 22:33	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/kg dry	1.62	5	EPA 8081B	01/06/2023 08:51	01/09/2023 22:33	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.62	5	EPA 8081B	01/06/2023 08:51	01/09/2023 22:33	BJ-
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		ug/kg dry	1.62	5	EPA 8081B	01/06/2023 08:51	01/09/2023 22:33	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/kg dry	1.62	5	EPA 8081B	01/06/2023 08:51	01/09/2023 22:33	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: Grid 5 CS-2 **York Sample ID:** 23A0215-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0215	27-09 40th Avenue LIC 19-401	Soil	January 4, 2023 12:50 pm	01/05/2023

Pesticides, NYSDEC Part 375 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
60-57-1	Dieldrin	ND		ug/kg dry	1.62	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 22:33	BJ-
959-98-8	Endosulfan I	ND		ug/kg dry	1.62	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 22:33	BJ-
33213-65-9	Endosulfan II	ND		ug/kg dry	1.62	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854	01/09/2023 22:33	BJ-
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.62	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 22:33	BJ-
72-20-8	Endrin	ND		ug/kg dry	1.62	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 22:33	BJ-
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.62	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 22:33	BJ-
76-44-8	Heptachlor	ND		ug/kg dry	1.62	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 22:33	BJ-

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*77.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*77.2 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications:	01/06/2023 08:51 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/10/2023 03:42	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications:	01/06/2023 08:51 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/10/2023 03:42	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications:	01/06/2023 08:51 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/10/2023 03:42	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications:	01/06/2023 08:51 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/10/2023 03:42	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications:	01/06/2023 08:51 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/10/2023 03:42	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications:	01/06/2023 08:51 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/10/2023 03:42	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications:	01/06/2023 08:51 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/10/2023 03:42	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications:	01/06/2023 08:51	01/10/2023 03:42	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*75.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*70.0 %*	*30-140*

Metals, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: Grid 5 CS-2 **York Sample ID:** 23A0215-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0215	27-09 40th Avenue LIC 19-401	Soil	January 4, 2023 12:50 pm	01/05/2023

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**	**2.12**		mg/kg dry	1.37	1	EPA 6010D	01/09/2023 14:08	01/10/2023 15:21	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**44.7**		mg/kg dry	2.27	1	EPA 6010D	01/09/2023 14:08	01/10/2023 15:21	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**0.519**		mg/kg dry	0.046	1	EPA 6010D	01/09/2023 14:08	01/10/2023 15:21	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.273	1	EPA 6010D	01/09/2023 14:08	01/10/2023 15:21	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**15.1**		mg/kg dry	0.456	1	EPA 6010D	01/09/2023 14:08	01/10/2023 15:21	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**16.8**		mg/kg dry	1.82	1	EPA 6010D	01/09/2023 14:08	01/10/2023 15:21	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**17.1**		mg/kg dry	0.456	1	EPA 6010D	01/09/2023 14:08	01/10/2023 15:21	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**374**		mg/kg dry	0.456	1	EPA 6010D	01/09/2023 14:08	01/10/2023 15:21	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**13.6**		mg/kg dry	0.908	1	EPA 6010D	01/09/2023 14:08	01/10/2023 15:21	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.28	1	EPA 6010D	01/09/2023 14:08	01/10/2023 15:21	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.459	1	EPA 6010D	01/09/2023 14:08	01/10/2023 15:21	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**34.3**		mg/kg dry	2.27	1	EPA 6010D	01/09/2023 14:08	01/10/2023 15:21	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0328	1	EPA 7473	01/06/2023 10:06	01/06/2023 14:47	MR
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

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	0.547	1	EPA 7196A	01/09/2023 07:46	01/09/2023 15:01	LAR
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

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: Grid 5 CS-2 **York Sample ID:** 23A0215-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0215	27-09 40th Avenue LIC 19-401	Soil	January 4, 2023 12:50 pm	01/05/2023

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	0.547	1	EPA 9014/9010C	01/06/2023 14:31	01/06/2023 19:35	SL
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.4**		%	0.100	1	SM 2540G	01/05/2023 21:18	01/05/2023 23:24	AGNR
							Certifications: CTDOH-PH-0723			

Analytical Batch Summary

Batch ID: BA30214 **Preparation Method:** % Solids Prep **Prepared By:** AGNR

YORK Sample ID	Client Sample ID	Preparation Date
23A0215-01	Grid 5 CS-1	01/05/23
23A0215-02	Grid 5 CS-2	01/05/23
23A0215-03	Grid 5 CS-3	01/05/23
23A0215-04	Grid 5 CS-4	01/05/23
23A0215-05	Grid 5 CS-5	01/05/23
BA30214-DUP1	Duplicate	01/05/23

Batch ID: BA30217 **Preparation Method:** % Solids Prep **Prepared By:** AGNR

YORK Sample ID	Client Sample ID	Preparation Date
23A0215-06	Grid 5 CS-1	01/05/23
23A0215-07	Grid 5 CS-2	01/05/23
BA30217-DUP1	Duplicate	01/05/23

Batch ID: BA30239 **Preparation Method:** EPA 3550C **Prepared By:** FK

YORK Sample ID	Client Sample ID	Preparation Date
23A0215-06	Grid 5 CS-1	01/06/23
23A0215-06	Grid 5 CS-1	01/06/23
23A0215-07	Grid 5 CS-2	01/06/23
23A0215-07	Grid 5 CS-2	01/06/23
BA30239-BLK1	Blank	01/06/23
BA30239-BLK2	Blank	01/06/23
BA30239-BS1	LCS	01/06/23
BA30239-BS2	LCS	01/06/23
BA30239-MS1	Matrix Spike	01/06/23
BA30239-MS2	Matrix Spike	01/06/23
BA30239-MSD1	Matrix Spike Dup	01/06/23
BA30239-MSD2	Matrix Spike Dup	01/06/23

Batch ID: BA30242 **Preparation Method:** EPA 5035A **Prepared By:** FTR

YORK Sample ID	Client Sample ID	Preparation Date
23A0215-01	Grid 5 CS-1	01/06/23
23A0215-02	Grid 5 CS-2	01/06/23
23A0215-03	Grid 5 CS-3	01/06/23
23A0215-04	Grid 5 CS-4	01/06/23
23A0215-05	Grid 5 CS-5	01/06/23
BA30242-BLK1	Blank	01/06/23
BA30242-BLK2	Blank	01/06/23
BA30242-BS1	LCS	01/06/23
BA30242-BSD1	LCS Dup	01/06/23

Batch ID: BA30249 **Preparation Method:** EPA 7473 soil **Prepared By:** MR

YORK Sample ID	Client Sample ID	Preparation Date
23A0215-06	Grid 5 CS-1	01/06/23
23A0215-07	Grid 5 CS-2	01/06/23
BA30249-BLK1	Blank	01/06/23
BA30249-DUP1	Duplicate	01/06/23
BA30249-MS1	Matrix Spike	01/06/23
BA30249-SRM1	Reference	01/06/23

Batch ID: BA30260 **Preparation Method:** EPA 1633 Prep **Prepared By:** WJH

YORK Sample ID	Client Sample ID	Preparation Date
23A0215-06	Grid 5 CS-1	01/06/23
23A0215-07	Grid 5 CS-2	01/06/23
BA30260-BLK1	Blank	01/06/23
BA30260-BS1	LCS	01/06/23
BA30260-BS2	LCS	01/06/23
BA30260-DUP1	Duplicate	01/06/23

Batch ID: BA30263 **Preparation Method:** Analysis Preparation Soil **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
23A0215-06	Grid 5 CS-1	01/06/23
23A0215-07	Grid 5 CS-2	01/06/23
BA30263-BLK1	Blank	01/06/23
BA30263-DUP1	Duplicate	01/06/23
BA30263-MS1	Matrix Spike	01/06/23
BA30263-SRM1	Reference	01/06/23

Batch ID: BA30288 **Preparation Method:** EPA 3550C **Prepared By:** CLO

YORK Sample ID	Client Sample ID	Preparation Date
23A0215-06	Grid 5 CS-1	01/08/23
23A0215-07	Grid 5 CS-2	01/08/23
BA30288-BLK1	Blank	01/08/23
BA30288-BS1	LCS	01/08/23
BA30288-MS1	Matrix Spike	01/08/23
BA30288-MSD1	Matrix Spike Dup	01/08/23

Batch ID: BA30297 **Preparation Method:** EPA SW846-3060 **Prepared By:** LAR

YORK Sample ID	Client Sample ID	Preparation Date
23A0215-06	Grid 5 CS-1	01/09/23
23A0215-07	Grid 5 CS-2	01/09/23
BA30297-BLK1	Blank	01/09/23
BA30297-DUP1	Duplicate	01/09/23
BA30297-MS1	Matrix Spike	01/09/23
BA30297-SRM1	Reference	01/09/23

Batch ID: BA30339 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
23A0215-06	Grid 5 CS-1	01/09/23
23A0215-07	Grid 5 CS-2	01/09/23
BA30339-BLK1	Blank	01/09/23
BA30339-DUP1	Duplicate	01/09/23
BA30339-MS1	Matrix Spike	01/09/23
BA30339-PS1	Post Spike	01/09/23
BA30339-SRM1	Reference	01/09/23

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 BA30242 - EPA 5035A											
Blank (BA30242-BLK1)									Prepared & Analyzed: 01/06/2023		
1,1,1-Trichloroethane	ND	5.0	ug/kg wet								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2-Butanone	ND	5.0	"								
Acetone	ND	10	"								
Benzene	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroform	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylene chloride	13	10	"								
Naphthalene	ND	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
sec-Butylbenzene	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.8*		*ug/L*	*50.0*		*97.6*	*77-125*				
Surrogate: SURR: Toluene-d8	*46.0*		*"*	*50.0*		*92.0*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*43.8*		*"*	*50.0*		*87.6*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30242 - EPA 5035A											
Blank (BA30242-BLK2)											
1,1,1-Trichloroethane	ND	500	ug/kg wet								
1,1-Dichloroethane	ND	500	"								
1,1-Dichloroethylene	ND	500	"								
1,2,4-Trimethylbenzene	ND	500	"								
1,2-Dichlorobenzene	ND	500	"								
1,2-Dichloroethane	ND	500	"								
1,3,5-Trimethylbenzene	ND	500	"								
1,3-Dichlorobenzene	ND	500	"								
1,4-Dichlorobenzene	ND	500	"								
1,4-Dioxane	ND	10000	"								
2-Butanone	ND	500	"								
Acetone	ND	1000	"								
Benzene	ND	500	"								
Carbon tetrachloride	ND	500	"								
Chlorobenzene	ND	500	"								
Chloroform	ND	500	"								
cis-1,2-Dichloroethylene	ND	500	"								
Ethyl Benzene	ND	500	"								
Methyl tert-butyl ether (MTBE)	ND	500	"								
Methylene chloride	1500	1000	"								
Naphthalene	ND	1000	"								
n-Butylbenzene	ND	500	"								
n-Propylbenzene	ND	500	"								
o-Xylene	ND	500	"								
p- & m- Xylenes	ND	1000	"								
sec-Butylbenzene	ND	500	"								
tert-Butylbenzene	ND	500	"								
Tetrachloroethylene	ND	500	"								
Toluene	ND	500	"								
trans-1,2-Dichloroethylene	ND	500	"								
Trichloroethylene	ND	500	"								
Vinyl Chloride	ND	500	"								
Xylenes, Total	ND	1500	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.9*		*ug/L*	*50.0*		*97.8*	*77-125*				
Surrogate: SURR: Toluene-d8	*45.9*		*"*	*50.0*		*91.9*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*43.8*		*"*	*50.0*		*87.5*	*76-130*				

Prepared & Analyzed: 01/06/2023

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 BA30242 - EPA 5035A											
LCS (BA30242-BS1)							Prepared & Analyzed: 01/06/2023				
1,1,1-Trichloroethane	57		ug/L	50.0		114	71-137				
1,1-Dichloroethane	52		"	50.0		104	75-130				
1,1-Dichloroethylene	54		"	50.0		108	64-137				
1,2,4-Trimethylbenzene	49		"	50.0		97.9	84-125				
1,2-Dichlorobenzene	50		"	50.0		99.4	85-122				
1,2-Dichloroethane	54		"	50.0		108	71-133				
1,3,5-Trimethylbenzene	48		"	50.0		96.8	82-126				
1,3-Dichlorobenzene	50		"	50.0		100	84-124				
1,4-Dichlorobenzene	50		"	50.0		99.5	84-124				
1,4-Dioxane	1300		"	1050		123	10-228				
2-Butanone	51		"	50.0		102	58-147				
Acetone	37		"	50.0		73.8	36-155				
Benzene	59		"	50.0		117	77-127				
Carbon tetrachloride	57		"	50.0		114	66-143				
Chlorobenzene	54		"	50.0		108	86-120				
Chloroform	57		"	50.0		114	76-131				
cis-1,2-Dichloroethylene	53		"	50.0		107	74-132				
Ethyl Benzene	52		"	50.0		103	84-125				
Methyl tert-butyl ether (MTBE)	49		"	50.0		97.7	74-131				
Methylene chloride	70		"	50.0		139	57-141				
Naphthalene	46		"	50.0		92.2	86-141				
n-Butylbenzene	48		"	50.0		97.0	80-130				
n-Propylbenzene	48		"	50.0		96.6	74-136				
o-Xylene	51		"	50.0		103	83-123				
p- & m- Xylenes	110		"	100		106	82-128				
sec-Butylbenzene	50		"	50.0		99.2	83-125				
tert-Butylbenzene	49		"	50.0		98.1	80-127				
Tetrachloroethylene	41		"	50.0		82.6	80-129				
Toluene	51		"	50.0		101	85-121				
trans-1,2-Dichloroethylene	54		"	50.0		109	72-132				
Trichloroethylene	49		"	50.0		98.8	84-123				
Vinyl Chloride	42		"	50.0		83.7	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.5*		*"*	*50.0*		*97.1*	*77-125*				
Surrogate: SURR: Toluene-d8	*46.2*		*"*	*50.0*		*92.4*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*45.2*		*"*	*50.0*		*90.3*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30242 - EPA 5035A											
LCS Dup (BA30242-BSD1)								Prepared & Analyzed: 01/06/2023			
1,1,1-Trichloroethane	59		ug/L	50.0		118	71-137		3.45	30	
1,1-Dichloroethane	54		"	50.0		109	75-130		4.07	30	
1,1-Dichloroethylene	55		"	50.0		109	64-137		1.31	30	
1,2,4-Trimethylbenzene	50		"	50.0		100	84-125		2.28	30	
1,2-Dichlorobenzene	51		"	50.0		102	85-122		2.91	30	
1,2-Dichloroethane	57		"	50.0		113	71-133		4.62	30	
1,3,5-Trimethylbenzene	49		"	50.0		98.5	82-126		1.78	30	
1,3-Dichlorobenzene	51		"	50.0		103	84-124		2.36	30	
1,4-Dichlorobenzene	51		"	50.0		102	84-124		2.07	30	
1,4-Dioxane	1400		"	1050		129	10-228		4.17	30	
2-Butanone	54		"	50.0		108	58-147		5.48	30	
Acetone	39		"	50.0		77.2	36-155		4.53	30	
Benzene	60		"	50.0		120	77-127		2.58	30	
Carbon tetrachloride	59		"	50.0		118	66-143		3.56	30	
Chlorobenzene	56		"	50.0		112	86-120		3.55	30	
Chloroform	59		"	50.0		117	76-131		2.92	30	
cis-1,2-Dichloroethylene	55		"	50.0		109	74-132		2.59	30	
Ethyl Benzene	53		"	50.0		107	84-125		3.70	30	
Methyl tert-butyl ether (MTBE)	51		"	50.0		102	74-131		4.74	30	
Methylene chloride	76		"	50.0		153	57-141	High Bias	9.24	30	
Naphthalene	48		"	50.0		96.4	86-141		4.50	30	
n-Butylbenzene	49		"	50.0		99.0	80-130		2.06	30	
n-Propylbenzene	49		"	50.0		98.5	74-136		1.91	30	
o-Xylene	53		"	50.0		107	83-123		3.99	30	
p- & m- Xylenes	110		"	100		110	82-128		3.55	30	
sec-Butylbenzene	51		"	50.0		101	83-125		1.86	30	
tert-Butylbenzene	50		"	50.0		101	80-127		2.68	30	
Tetrachloroethylene	43		"	50.0		85.3	80-129		3.17	30	
Toluene	53		"	50.0		105	85-121		3.79	30	
trans-1,2-Dichloroethylene	55		"	50.0		111	72-132		2.08	30	
Trichloroethylene	50		"	50.0		101	84-123		1.86	30	
Vinyl Chloride	43		"	50.0		85.8	52-130		2.48	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.3*		*"*	*50.0*		*96.7*	*77-125*				
Surrogate: SURR: Toluene-d8	*46.3*		*"*	*50.0*		*92.6*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*44.6*		*"*	*50.0*		*89.1*	*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 BA30288 - EPA 3550C											
Blank (BA30288-BLK1)											
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	*673*		"	*1670*		*40.4*	*20-108*				
Surrogate: SURR: Phenol-d5	*695*		"	*1670*		*41.7*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*372*		"	*833*		*44.6*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*384*		"	*833*		*46.1*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*919*		"	*1670*		*55.1*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*490*		"	*833*		*58.8*	*24-116*				

Prepared: 01/08/2023 Analyzed: 01/09/2023

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 BA30288 - EPA 3550C											
LCS (BA30288-BS1)									Prepared: 01/08/2023 Analyzed: 01/09/2023		
2-Methylphenol	390	41.7	ug/kg wet	833		46.8	10-146				
3- & 4-Methylphenols	348	41.7	"	833		41.7	20-109				
Acenaphthene	411	41.7	"	833		49.3	17-124				
Acenaphthylene	376	41.7	"	833		45.1	16-124				
Anthracene	448	41.7	"	833		53.8	24-124				
Benzo(a)anthracene	474	41.7	"	833		56.8	25-134				
Benzo(a)pyrene	426	41.7	"	833		51.1	29-144				
Benzo(b)fluoranthene	471	41.7	"	833		56.6	20-151				
Benzo(g,h,i)perylene	462	41.7	"	833		55.4	10-153				
Benzo(k)fluoranthene	465	41.7	"	833		55.8	10-148				
Chrysene	452	41.7	"	833		54.3	24-116				
Dibenzo(a,h)anthracene	461	41.7	"	833		55.3	17-147				
Dibenzofuran	403	41.7	"	833		48.3	23-123				
Fluoranthene	445	41.7	"	833		53.4	36-125				
Fluorene	418	41.7	"	833		50.1	16-130				
Hexachlorobenzene	414	41.7	"	833		49.6	10-129				
Indeno(1,2,3-cd)pyrene	462	41.7	"	833		55.4	10-155				
Naphthalene	400	41.7	"	833		48.0	20-121				
Pentachlorophenol	332	41.7	"	833		39.8	10-143				
Phenanthrene	441	41.7	"	833		53.0	24-123				
Phenol	379	41.7	"	833		45.5	15-123				
Pyrene	441	41.7	"	833		52.9	24-132				
Surrogate: SURR: 2-Fluorophenol	*693*		*"*	*1670*		*41.6*	*20-108*				
Surrogate: SURR: Phenol-d5	*720*		*"*	*1670*		*43.2*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*379*		*"*	*833*		*45.5*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*367*		*"*	*833*		*44.0*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*874*		*"*	*1670*		*52.4*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*462*		*"*	*833*		*55.4*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30288 - EPA 3550C											
Matrix Spike (BA30288-MS1)	*Source sample: 23A0142-04 (Matrix Spike)							Prepared: 01/08/2023 Analyzed: 01/09/2023			
2-Methylphenol	543	88.3	ug/kg dry	882	ND	61.5	10-160				
3- & 4-Methylphenols	469	88.3	"	882	ND	53.1	16-115				
Acenaphthene	517	88.3	"	882	ND	58.6	13-133				
Acenaphthylene	486	88.3	"	882	ND	55.0	25-125				
Anthracene	562	88.3	"	882	ND	63.7	27-128				
Benzo(a)anthracene	579	88.3	"	882	ND	65.6	20-147				
Benzo(a)pyrene	508	88.3	"	882	ND	57.5	18-153				
Benzo(b)fluoranthene	560	88.3	"	882	ND	63.4	10-163				
Benzo(g,h,i)perylene	575	88.3	"	882	ND	65.2	10-157				
Benzo(k)fluoranthene	538	88.3	"	882	ND	61.0	10-157				
Chrysene	539	88.3	"	882	ND	61.0	18-133				
Dibenzo(a,h)anthracene	568	88.3	"	882	ND	64.3	10-146				
Dibenzofuran	539	88.3	"	882	ND	61.0	26-134				
Fluoranthene	539	88.3	"	882	ND	61.0	10-155				
Fluorene	544	88.3	"	882	ND	61.6	12-150				
Hexachlorobenzene	500	88.3	"	882	ND	56.6	16-142				
Indeno(1,2,3-cd)pyrene	572	88.3	"	882	ND	64.8	10-155				
Naphthalene	539	88.3	"	882	ND	61.1	15-132				
Pentachlorophenol	407	88.3	"	882	ND	46.1	10-160				
Phenanthrene	541	88.3	"	882	ND	61.3	10-151				
Phenol	506	88.3	"	882	ND	57.4	11-124				
Pyrene	529	88.3	"	882	ND	59.9	13-148				
Surrogate: SURR: 2-Fluorophenol	*884*		"	*1760*		*50.1*	*20-108*				
Surrogate: SURR: Phenol-d5	*933*		"	*1760*		*52.9*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*472*		"	*882*		*53.5*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*492*		"	*882*		*55.8*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1110*		"	*1760*		*63.0*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*551*		"	*882*		*62.4*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30288 - EPA 3550C											
Matrix Spike Dup (BA30288-MSD1)	*Source sample: 23A0142-04 (Matrix Spike Dup)								Prepared: 01/08/2023 Analyzed: 01/09/2023		
2-Methylphenol	609	87.7	ug/kg dry	877	ND	69.5	10-160		11.6	30	
3- & 4-Methylphenols	534	87.7	"	877	ND	60.9	16-115		13.0	30	
Acenaphthene	604	87.7	"	877	ND	69.0	13-133		15.5	30	
Acenaphthylene	555	87.7	"	877	ND	63.3	25-125		13.3	30	
Anthracene	640	87.7	"	877	ND	73.0	27-128		13.0	30	
Benzo(a)anthracene	625	87.7	"	877	ND	71.4	20-147		7.75	30	
Benzo(a)pyrene	580	87.7	"	877	ND	66.2	18-153		13.3	30	
Benzo(b)fluoranthene	626	87.7	"	877	ND	71.4	10-163		11.2	30	
Benzo(g,h,i)perylene	637	87.7	"	877	ND	72.7	10-157		10.2	30	
Benzo(k)fluoranthene	614	87.7	"	877	ND	70.1	10-157		13.3	30	
Chrysene	605	87.7	"	877	ND	69.0	18-133		11.6	30	
Dibenzo(a,h)anthracene	620	87.7	"	877	ND	70.7	10-146		8.82	30	
Dibenzofuran	611	87.7	"	877	ND	69.7	26-134		12.6	30	
Fluoranthene	614	87.7	"	877	ND	70.0	10-155		13.0	30	
Fluorene	604	87.7	"	877	ND	68.9	12-150		10.5	30	
Hexachlorobenzene	573	87.7	"	877	ND	65.4	16-142		13.6	30	
Indeno(1,2,3-cd)pyrene	623	87.7	"	877	ND	71.0	10-155		8.53	30	
Naphthalene	602	87.7	"	877	ND	68.7	15-132		11.0	30	
Pentachlorophenol	508	87.7	"	877	ND	58.0	10-160		22.3	30	
Phenanthrene	621	87.7	"	877	ND	70.9	10-151		13.9	30	
Phenol	561	87.7	"	877	ND	64.0	11-124		10.3	30	
Pyrene	618	87.7	"	877	ND	70.5	13-148		15.5	30	
Surrogate: SURR: 2-Fluorophenol	*1070*		*"*	*1750*		*61.0*	*20-108*				
Surrogate: SURR: Phenol-d5	*1100*		*"*	*1750*		*62.7*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*567*		*"*	*877*		*64.7*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*590*		*"*	*877*		*67.4*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1330*		*"*	*1750*		*75.9*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*666*		*"*	*877*		*76.0*	*24-116*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30260 - EPA 1633 Prep											
Blank (BA30260-BLK1)											Prepared: 01/06/2023 Analyzed: 01/10/2023
Perfluorobutanesulfonic acid (PFBS)	ND	0.200	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.200	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.200	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.200	"								
Perfluorooctanoic acid (PFOA)	ND	0.200	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.200	"								
Perfluorononanoic acid (PFNA)	ND	0.200	"								
Perfluorodecanoic acid (PFDA)	ND	0.200	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.200	"								
Perfluorododecanoic acid (PFDoA)	ND	0.200	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.200	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.200	"								
N-MeFOSAA	ND	0.200	"								
N-EtFOSAA	ND	0.200	"								
Perfluoropentanoic acid (PFPeA)	ND	0.400	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.200	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.200	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.200	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	0.800	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	0.800	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.800	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.400	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.400	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.400	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.400	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.200	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	0.800	"								
HFPO-DA (Gen-X)	ND	0.800	"								
11CL-PF3OUdS	ND	0.800	"								
9CL-PF3ONS	ND	0.800	"								
ADONA	ND	0.800	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.200	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.200	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	1.00	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	5.00	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	5.00	"								
N-MeFOSE	ND	2.00	"								
N-MeFOSA	ND	0.200	"								
N-EtFOSE	ND	2.00	"								
N-EtFOSA	ND	0.200	"								
Surrogate: M3PFBS	*2.04*		"	*2.33*		*87.4*	*25-150*				
Surrogate: M5PFHxA	*2.50*		"	*2.50*		*100*	*25-150*				
Surrogate: M4PFHpA	*2.44*		"	*2.50*		*97.5*	*25-150*				
Surrogate: M3PFHxS	*2.39*		"	*2.37*		*101*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.50*		"	*2.50*		*100*	*25-150*				
Surrogate: M6PFDA	*1.09*		"	*1.25*		*87.4*	*25-150*				
Surrogate: M7PFUdA	*1.04*		"	*1.25*		*83.4*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30260 - EPA 1633 Prep											
Blank (BA30260-BLK1)											
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.948*		*ug/kg wet*	*1.25*		*75.8*	*25-150*				
Surrogate: M2PFTeDA	*0.750*		*"*	*1.25*		*60.0*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*10.0*		*"*	*10.0*		*100*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.60*		*"*	*2.40*		*108*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.42*		*"*	*5.00*		*108*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*0.653*		*"*	*2.50*		*26.1*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.15*		*"*	*5.00*		*83.0*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.36*		*"*	*5.00*		*87.2*	*25-150*				
Surrogate: M2-6:2 FTS	*3.40*		*"*	*4.76*		*71.5*	*25-200*				
Surrogate: M2-8:2 FTS	*3.08*		*"*	*4.80*		*64.1*	*25-200*				
Surrogate: M9PFNA	*1.22*		*"*	*1.25*		*98.0*	*25-150*				
Surrogate: M2-4:2 FTS	*3.00*		*"*	*4.69*		*64.0*	*25-150*				
Surrogate: d-N-MeFOSA	*0.568*		*"*	*2.50*		*22.7*	*25-150*				
Surrogate: d-N-EtFOSA	*1.38*		*"*	*2.50*		*55.1*	*25-150*				
Surrogate: M3HFPO-DA	*9.26*		*"*	*10.0*		*92.6*	*25-150*				
Surrogate: d9-N-EtFOSE	*5.57*		*"*	*25.0*		*22.3*	*25-150*				
Surrogate: d7-N-MeFOSE	*5.41*		*"*	*25.0*		*21.7*	*25-150*				
LCS (BA30260-BS1)											
Perfluorobutanesulfonic acid (PFBS)	3.94	0.198	ug/kg wet	3.50		112	50-150				
Perfluorohexanoic acid (PFHxA)	4.67	0.198	"	3.96		118	50-150				
Perfluoroheptanoic acid (PFHpA)	4.59	0.198	"	3.96		116	50-150				
Perfluorohexanesulfonic acid (PFHxS)	5.13	0.198	"	3.62		142	50-150				
Perfluorooctanoic acid (PFOA)	4.34	0.198	"	3.96		110	50-150				
Perfluorooctanesulfonic acid (PFOS)	4.07	0.198	"	3.68		111	50-150				
Perfluorononanoic acid (PFNA)	3.88	0.198	"	3.96		98.0	50-150				
Perfluorodecanoic acid (PFDA)	4.69	0.198	"	3.96		119	50-150				
Perfluoroundecanoic acid (PFUnA)	4.15	0.198	"	3.96		105	50-150				
Perfluorododecanoic acid (PFDoA)	4.60	0.198	"	3.96		116	50-150				
Perfluorotridecanoic acid (PFTrDA)	4.40	0.198	"	3.96		111	50-150				
Perfluorotetradecanoic acid (PFTA)	3.89	0.198	"	3.96		98.2	50-150				
N-MeFOSAA	4.21	0.198	"	3.96		106	50-150				
N-EtFOSAA	4.35	0.198	"	3.96		110	50-150				
Perfluoropentanoic acid (PFPeA)	8.85	0.396	"	7.92		112	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	3.87	0.198	"	3.96		97.7	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.62	0.198	"	3.78		122	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	4.11	0.198	"	3.82		107	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	16.6	0.792	"	15.0		110	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	16.8	0.792	"	15.2		110	50-150				
Perfluoro-n-butanoic acid (PFBA)	17.5	0.792	"	15.8		110	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	9.13	0.396	"	7.05		130	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	5.79	0.396	"	7.92		73.0	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	9.94	0.396	"	7.92		125	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	9.29	0.396	"	7.92		117	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	4.10	0.198	"	3.72		110	50-150				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30260 - EPA 1633 Prep											
LCS (BA30260-BS1)								Prepared: 01/06/2023 Analyzed: 01/10/2023			
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	15.9	0.792	ug/kg wet	14.9		107	50-150				
HFPO-DA (Gen-X)	9.22	0.792	"	7.92		116	50-150				
11CL-PF3OUdS	7.47	0.792	"	7.49		99.7	50-150				
9CL-PF3ONS	8.40	0.792	"	7.41		113	50-150				
ADONA	9.13	0.792	"	7.49		122	50-150				
Perfluorododecanesulfonic acid (PFDoS)	2.79	0.198	"	3.84		72.6	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	4.63	0.198	"	3.80		122	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	3.36	0.990	"	15.8		21.2	50-150	Low Bias			
3-Perfluoropentyl propanoic acid (FPePA)	49.3	4.95	"	79.2		62.2	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	60.3	4.95	"	79.2		76.1	50-150				
N-MeFOSE	41.5	1.98	"	39.6		105	50-150				
N-MeFOSA	3.99	0.198	"	3.96		101	50-150				
N-EtFOSE	46.5	1.98	"	39.6		117	50-150				
N-EtFOSA	3.53	0.198	"	3.96		89.1	50-150				
Surrogate: M3PFBS	*2.20*		"	*2.31*		*95.3*	*25-150*				
Surrogate: M5PFHxA	*2.25*		"	*2.48*		*90.8*	*25-150*				
Surrogate: M4PFHpA	*2.25*		"	*2.48*		*90.8*	*25-150*				
Surrogate: M3PFHxS	*2.34*		"	*2.35*		*99.7*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.10*		"	*2.48*		*84.9*	*25-150*				
Surrogate: M6PFDA	*0.995*		"	*1.24*		*80.4*	*25-150*				
Surrogate: M7PFUdA	*0.933*		"	*1.24*		*75.4*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.792*		"	*1.24*		*64.0*	*25-150*				
Surrogate: M2PFTeDA	*0.661*		"	*1.24*		*53.4*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*9.82*		"	*9.90*		*99.2*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*1.99*		"	*2.37*		*83.7*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.04*		"	*4.95*		*102*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*0.956*		"	*2.48*		*38.6*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.39*		"	*4.95*		*68.5*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.30*		"	*4.95*		*66.6*	*25-150*				
Surrogate: M2-6:2 FTS	*3.87*		"	*4.71*		*82.3*	*25-200*				
Surrogate: M2-8:2 FTS	*3.77*		"	*4.75*		*79.3*	*25-200*				
Surrogate: M9PFNA	*1.09*		"	*1.24*		*88.1*	*25-150*				
Surrogate: M2-4:2 FTS	*3.80*		"	*4.64*		*81.7*	*25-150*				
Surrogate: d-N-MeFOSA	*0.767*		"	*2.48*		*31.0*	*25-150*				
Surrogate: d-N-EtFOSA	*1.58*		"	*2.48*		*64.0*	*25-150*				
Surrogate: M3HFPO-DA	*9.12*		"	*9.90*		*92.1*	*25-150*				
Surrogate: d9-N-EtFOSE	*5.88*		"	*24.8*		*23.8*	*25-150*				
Surrogate: d7-N-MeFOSE	*7.11*		"	*24.8*		*28.7*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30260 - EPA 1633 Prep											
LCS (BA30260-BS2)								Prepared: 01/06/2023 Analyzed: 01/10/2023			
Perfluorobutanesulfonic acid (PFBS)	0.401	0.198	ug/kg wet	0.350		114	50-150				
Perfluorohexanoic acid (PFHxA)	0.448	0.198	"	0.396		113	50-150				
Perfluoroheptanoic acid (PFHpA)	0.445	0.198	"	0.396		112	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.526	0.198	"	0.362		145	50-150				
Perfluorooctanoic acid (PFOA)	0.492	0.198	"	0.396		124	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.401	0.198	"	0.368		109	50-150				
Perfluorononanoic acid (PFNA)	0.438	0.198	"	0.396		111	50-150				
Perfluorodecanoic acid (PFDA)	0.438	0.198	"	0.396		110	50-150				
Perfluoroundecanoic acid (PFUnA)	0.476	0.198	"	0.396		120	50-150				
Perfluorododecanoic acid (PFDoA)	0.437	0.198	"	0.396		110	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.468	0.198	"	0.396		118	50-150				
Perfluorotetradecanoic acid (PFTA)	0.412	0.198	"	0.396		104	50-150				
N-MeFOSAA	0.370	0.198	"	0.396		93.3	50-150				
N-EtFOSAA	0.499	0.198	"	0.396		126	50-150				
Perfluoropentanoic acid (PFPeA)	0.865	0.396	"	0.792		109	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.410	0.198	"	0.396		104	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.438	0.198	"	0.378		116	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.371	0.198	"	0.382		97.0	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1.69	0.792	"	1.50		112	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1.79	0.792	"	1.52		118	50-150				
Perfluoro-n-butanoic acid (PFBA)	1.68	0.792	"	1.58		106	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	0.883	0.396	"	0.705		125	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	0.631	0.396	"	0.792		79.7	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.982	0.396	"	0.792		124	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	0.880	0.396	"	0.792		111	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.405	0.198	"	0.372		109	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1.87	0.792	"	1.49		126	50-150				
HFPO-DA (Gen-X)	0.749	0.792	"	0.792		94.6	50-150				
11CL-PF3OUdS	0.788	0.792	"	0.749		105	50-150				
9CL-PF3ONS	0.908	0.792	"	0.741		123	50-150				
ADONA	0.958	0.792	"	0.749		128	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.273	0.198	"	0.384		71.0	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.494	0.198	"	0.380		130	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.990	"	1.58			50-150	Low Bias			
3-Perfluoropentyl propanoic acid (FPePA)	2.62	4.95	"	7.92		33.0	50-150	Low Bias			
3-Perfluoroheptyl propanoic acid (FHpPA)	3.64	4.95	"	7.92		45.9	50-150	Low Bias			
N-MeFOSE	4.40	1.98	"	3.96		111	50-150				
N-MeFOSA	0.642	0.198	"	0.396		162	50-150	High Bias			
N-EtFOSE	4.21	1.98	"	3.96		106	50-150				
N-EtFOSA	0.340	0.198	"	0.396		85.9	50-150				
Surrogate: M3PFBS	*2.09*		*"*	*2.31*		*90.7*	*25-150*				
Surrogate: M5PFHxA	*2.30*		*"*	*2.48*		*92.9*	*25-150*				
Surrogate: M4PFHpA	*2.25*		*"*	*2.48*		*90.8*	*25-150*				
Surrogate: M3PFHxS	*2.29*		*"*	*2.35*		*97.8*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*1.99*		*"*	*2.48*		*80.3*	*25-150*				
Surrogate: M6PFDA	*1.19*		*"*	*1.24*		*96.3*	*25-150*				
Surrogate: M7PFUdA	*1.02*		*"*	*1.24*		*82.1*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30260 - EPA 1633 Prep											
LCS (BA30260-BS2)											
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.966*		*ug/kg wet*	*1.24*		*78.1*	*25-150*				
Surrogate: M2PFTeDA	*0.731*		*"*	*1.24*		*59.1*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*9.68*		*"*	*9.90*		*97.8*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.25*		*"*	*2.37*		*95.1*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.01*		*"*	*4.95*		*101*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*0.411*		*"*	*2.48*		*16.6*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.91*		*"*	*4.95*		*79.0*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.83*		*"*	*4.95*		*77.4*	*25-150*				
Surrogate: M2-6:2 FTS	*3.67*		*"*	*4.71*		*77.9*	*25-200*				
Surrogate: M2-8:2 FTS	*3.33*		*"*	*4.75*		*70.1*	*25-200*				
Surrogate: M9PFNA	*1.30*		*"*	*1.24*		*105*	*25-150*				
Surrogate: M2-4:2 FTS	*3.23*		*"*	*4.64*		*69.5*	*25-150*				
Surrogate: d-N-MeFOSA	*0.300*		*"*	*2.48*		*12.1*	*25-150*				
Surrogate: d-N-EtFOSA	*1.35*		*"*	*2.48*		*54.6*	*25-150*				
Surrogate: M3HFPO-DA	*8.75*		*"*	*9.90*		*88.4*	*25-150*				
Surrogate: d9-N-EtFOSE	*4.14*		*"*	*24.8*		*16.7*	*25-150*				
Surrogate: d7-N-MeFOSE	*4.03*		*"*	*24.8*		*16.3*	*25-150*				
Duplicate (BA30260-DUP1)	*Source sample: 23A0226-08 (Duplicate)										
Perfluorobutanesulfonic acid (PFBS)	ND	0.218	ug/kg dry		ND					30	
Perfluorohexanoic acid (PFHxA)	ND	0.218	"		ND					30	
Perfluoroheptanoic acid (PFHpA)	ND	0.218	"		ND					30	
Perfluorohexanesulfonic acid (PFHxS)	ND	0.218	"		ND					30	
Perfluorooctanoic acid (PFOA)	ND	0.218	"		ND					30	
Perfluorooctanesulfonic acid (PFOS)	ND	0.218	"		ND					30	
Perfluorononanoic acid (PFNA)	ND	0.218	"		ND					30	
Perfluorodecanoic acid (PFDA)	ND	0.218	"		ND					30	
Perfluoroundecanoic acid (PFUnA)	ND	0.218	"		ND					30	
Perfluorododecanoic acid (PFDoA)	ND	0.218	"		ND					30	
Perfluorotridecanoic acid (PFTrDA)	ND	0.218	"		ND					30	
Perfluorotetradecanoic acid (PFTA)	ND	0.218	"		ND					30	
N-MeFOSAA	ND	0.218	"		ND					30	
N-EtFOSAA	ND	0.218	"		ND					30	
Perfluoropentanoic acid (PFPeA)	ND	0.436	"		ND					30	
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.218	"		ND					30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.218	"		ND					30	
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.218	"		ND					30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	0.873	"		ND					30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	0.873	"		ND					30	
Perfluoro-n-butanoic acid (PFBA)	ND	0.873	"		ND					30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.436	"		ND					30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.436	"		ND					30	
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.436	"		ND					30	
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.436	"		ND					30	
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.218	"		ND					30	

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30260 - EPA 1633 Prep											
Duplicate (BA30260-DUP1)	*Source sample: 23A0226-08 (Duplicate)								Prepared: 01/06/2023 Analyzed: 01/10/2023		
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	0.873	ug/kg dry		ND					30	
HFPO-DA (Gen-X)	ND	0.873	"		ND					30	
11CL-PF3OUdS	ND	0.873	"		ND					30	
9CL-PF3ONS	ND	0.873	"		ND					30	
ADONA	ND	0.873	"		ND					30	
Perfluorododecanesulfonic acid (PFDoS)	ND	0.218	"		ND					30	
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.218	"		ND					30	
3-Perfluoropropyl propanoic acid (FPrPA)	ND	1.09	"		ND					30	
3-Perfluoropentyl propanoic acid (FPePA)	ND	5.46	"		ND					30	
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	5.46	"		ND					30	
N-MeFOSE	ND	2.18	"		ND					30	
N-MeFOSA	ND	0.218	"		ND					30	
N-EtFOSE	ND	2.18	"		ND					30	
N-EtFOSA	1.49	0.218	"		ND					30	
Surrogate: M3PFBS	*2.26*		"	*2.54*		*88.8*	*25-150*				
Surrogate: M5PFHxA	*2.62*		"	*2.73*		*96.1*	*25-150*				
Surrogate: M4PFHpA	*2.37*		"	*2.73*		*86.9*	*25-150*				
Surrogate: M3PFHxS	*2.49*		"	*2.59*		*96.5*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.47*		"	*2.73*		*90.6*	*25-150*				
Surrogate: M6PFDA	*1.23*		"	*1.36*		*90.3*	*25-150*				
Surrogate: M7PFUdA	*1.07*		"	*1.36*		*78.2*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.06*		"	*1.36*		*77.6*	*25-150*				
Surrogate: M2PFTeDA	*0.760*		"	*1.36*		*55.7*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*10.3*		"	*10.9*		*94.4*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.40*		"	*2.61*		*91.9*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.38*		"	*5.46*		*98.7*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*0.427*		"	*2.73*		*15.7*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.15*		"	*5.46*		*76.0*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.34*		"	*5.46*		*79.6*	*25-150*				
Surrogate: M2-6:2 FTS	*3.71*		"	*5.19*		*71.5*	*25-200*				
Surrogate: M2-8:2 FTS	*3.40*		"	*5.24*		*64.9*	*25-200*				
Surrogate: M9PFNA	*1.29*		"	*1.36*		*94.7*	*25-150*				
Surrogate: M2-4:2 FTS	*3.10*		"	*5.12*		*60.7*	*25-150*				
Surrogate: d-N-MeFOSA	*0.370*		"	*2.73*		*13.6*	*25-150*				
Surrogate: d-N-EtFOSA	*0.0926*		"	*2.73*		*3.39*	*25-150*				
Surrogate: M3HFPO-DA	*9.36*		"	*10.9*		*85.8*	*25-150*				
Surrogate: d9-N-EtFOSE	*4.11*		"	*27.3*		*15.1*	*25-150*				
Surrogate: d7-N-MeFOSE	*3.83*		"	*27.3*		*14.0*	*25-150*				

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 BA30239 - EPA 3550C											
Blank (BA30239-BLK1)											Prepared: 01/06/2023 Analyzed: 01/09/2023
4,4'-DDD	ND	1.64	ug/kg wet								
4,4'-DDE	ND	1.64	"								
4,4'-DDT	ND	1.64	"								
Aldrin	ND	1.64	"								
alpha-BHC	ND	1.64	"								
alpha-Chlordane	ND	1.64	"								
beta-BHC	ND	1.64	"								
delta-BHC	ND	1.64	"								
Dieldrin	ND	1.64	"								
Endosulfan I	ND	1.64	"								
Endosulfan II	ND	1.64	"								
Endosulfan sulfate	ND	1.64	"								
Endrin	ND	1.64	"								
gamma-BHC (Lindane)	ND	1.64	"								
Heptachlor	ND	1.64	"								
Surrogate: Decachlorobiphenyl	*53.3*		*"*	*66.4*		*80.2*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*55.9*		*"*	*66.4*		*84.2*	*30-150*				
LCS (BA30239-BS1)											Prepared: 01/06/2023 Analyzed: 01/09/2023
4,4'-DDD	26.9	1.64	ug/kg wet	33.2		81.1	40-140				
4,4'-DDE	24.6	1.64	"	33.2		74.2	40-140				
4,4'-DDT	22.6	1.64	"	33.2		68.0	40-140				
Aldrin	23.8	1.64	"	33.2		71.7	40-140				
alpha-BHC	24.2	1.64	"	33.2		72.8	40-140				
alpha-Chlordane	25.6	1.64	"	33.2		77.2	40-140				
beta-BHC	29.7	1.64	"	33.2		89.3	40-140				
delta-BHC	26.9	1.64	"	33.2		80.9	40-140				
Dieldrin	24.8	1.64	"	33.2		74.6	40-140				
Endosulfan I	25.1	1.64	"	33.2		75.5	40-140				
Endosulfan II	26.2	1.64	"	33.2		78.8	40-140				
Endosulfan sulfate	27.1	1.64	"	33.2		81.4	40-140				
Endrin	24.6	1.64	"	33.2		74.0	40-140				
gamma-BHC (Lindane)	25.0	1.64	"	33.2		75.2	40-140				
Heptachlor	24.5	1.64	"	33.2		73.7	40-140				
Surrogate: Decachlorobiphenyl	*48.7*		*"*	*66.4*		*73.3*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*56.2*		*"*	*66.4*		*84.6*	*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 BA30239 - EPA 3550C											
Matrix Spike (BA30239-MS1)	*Source sample: 23A0238-02 (Matrix Spike)								Prepared: 01/06/2023 Analyzed: 01/09/2023		
4,4'-DDD	32.2	1.64	ug/kg dry	37.1	ND	86.7	30-150				
4,4'-DDE	25.8	1.64	"	37.1	ND	69.5	30-150				
4,4'-DDT	24.1	1.64	"	37.1	ND	64.8	30-150				
Aldrin	26.6	1.64	"	37.1	ND	71.7	30-150				
alpha-BHC	35.1	1.64	"	37.1	ND	94.7	30-150				
alpha-Chlordane	27.4	1.64	"	37.1	ND	73.8	30-150				
beta-BHC	26.2	1.64	"	37.1	ND	70.5	30-150				
delta-BHC	27.7	1.64	"	37.1	ND	74.5	30-150				
Dieldrin	27.5	1.64	"	37.1	ND	74.2	30-150				
Endosulfan I	27.2	1.64	"	37.1	ND	73.4	30-150				
Endosulfan II	30.5	1.64	"	37.1	ND	82.1	30-150				
Endosulfan sulfate	32.5	1.64	"	37.1	ND	87.5	30-150				
Endrin	26.7	1.64	"	37.1	ND	71.8	30-150				
gamma-BHC (Lindane)	26.6	1.64	"	37.1	ND	71.8	30-150				
Heptachlor	26.1	1.64	"	37.1	ND	70.3	30-150				
Surrogate: Decachlorobiphenyl	*55.2*		*"*	*74.2*		*74.4*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*59.1*		*"*	*74.2*		*79.7*	*30-150*				
Matrix Spike Dup (BA30239-MSD1)	*Source sample: 23A0238-02 (Matrix Spike Dup)								Prepared: 01/06/2023 Analyzed: 01/10/2023		
4,4'-DDD	32.2	1.64	ug/kg dry	37.1	ND	86.7	30-150		0.0577	30	
4,4'-DDE	26.7	1.64	"	37.1	ND	72.0	30-150		3.60	30	
4,4'-DDT	23.7	1.64	"	37.1	ND	63.8	30-150		1.56	30	
Aldrin	26.7	1.64	"	37.1	ND	71.8	30-150		0.160	30	
alpha-BHC	35.9	1.64	"	37.1	ND	96.6	30-150		2.05	30	
alpha-Chlordane	27.8	1.64	"	37.1	ND	75.0	30-150		1.66	30	
beta-BHC	28.1	1.64	"	37.1	ND	75.8	30-150		7.17	30	
delta-BHC	28.7	1.64	"	37.1	ND	77.3	30-150		3.64	30	
Dieldrin	28.5	1.64	"	37.1	ND	76.7	30-150		3.29	30	
Endosulfan I	27.9	1.64	"	37.1	ND	75.2	30-150		2.43	30	
Endosulfan II	31.1	1.64	"	37.1	ND	83.8	30-150		2.07	30	
Endosulfan sulfate	32.5	1.64	"	37.1	ND	87.6	30-150		0.120	30	
Endrin	27.2	1.64	"	37.1	ND	73.4	30-150		2.13	30	
gamma-BHC (Lindane)	26.6	1.64	"	37.1	ND	71.6	30-150		0.265	30	
Heptachlor	27.1	1.64	"	37.1	ND	72.9	30-150		3.61	30	
Surrogate: Decachlorobiphenyl	*57.8*		*"*	*74.2*		*77.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*63.6*		*"*	*74.2*		*85.6*	*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 BA30239 - EPA 3550C											
Blank (BA30239-BLK2)									Prepared: 01/06/2023 Analyzed: 01/10/2023		
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0611*		"	*0.0664*		*92.0*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0651*		"	*0.0664*		*98.0*	*30-140*				
LCS (BA30239-BS2)									Prepared: 01/06/2023 Analyzed: 01/10/2023		
Aroclor 1016	0.333	0.0166	mg/kg wet	0.332		100	40-130				
Aroclor 1260	0.359	0.0166	"	0.332		108	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0585*		"	*0.0664*		*88.0*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0615*		"	*0.0664*		*92.5*	*30-140*				
Matrix Spike (BA30239-MS2)	*Source sample: 23A0238-02 (Matrix Spike)								Prepared: 01/06/2023 Analyzed: 01/10/2023		
Aroclor 1016	0.213	0.0186	mg/kg dry	0.371	ND	57.5	40-140				
Aroclor 1260	0.292	0.0186	"	0.371	ND	78.6	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0583*		"	*0.0742*		*78.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0542*		"	*0.0742*		*73.0*	*30-140*				
Matrix Spike Dup (BA30239-MSD2)	*Source sample: 23A0238-02 (Matrix Spike Dup)								Prepared: 01/06/2023 Analyzed: 01/10/2023		
Aroclor 1016	0.193	0.0186	mg/kg dry	0.371	ND	52.1	40-140		9.82	50	
Aroclor 1260	0.272	0.0186	"	0.371	ND	73.4	40-140		6.82	50	
Surrogate: Tetrachloro-m-xylene	*0.0605*		"	*0.0742*		*81.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0505*		"	*0.0742*		*68.0*	*30-140*				

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 BA30339 - EPA 3050B											
Blank (BA30339-BLK1)									Prepared: 01/09/2023 Analyzed: 01/10/2023		
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 (BA30339-DUP1)	*Source sample: 23A0226-08 (Duplicate)								Prepared: 01/09/2023 Analyzed: 01/10/2023		
Arsenic	ND	1.37	mg/kg dry		1.99					35	
Barium	37.8	2.28	"		38.8				2.77	35	
Beryllium	0.481	0.046	"		0.486				0.861	35	
Cadmium	ND	0.274	"		ND					35	
Chromium	13.9	0.458	"		13.6				2.22	35	
Copper	14.1	1.83	"		14.9				5.66	35	
Lead	12.3	0.458	"		14.8				19.0	35	
Manganese	320	0.458	"		344				7.37	35	
Nickel	12.7	0.911	"		13.0				2.12	35	
Selenium	ND	2.29	"		ND					35	
Silver	ND	0.461	"		ND					35	
Zinc	29.2	2.28	"		31.0				5.94	35	
Matrix Spike (BA30339-MS1)	*Source sample: 23A0226-08 (Matrix Spike)								Prepared: 01/09/2023 Analyzed: 01/10/2023		
Arsenic	169	1.37	mg/kg dry	183	1.99	91.1	75-125				
Barium	212	2.28	"	183	38.8	94.5	75-125				
Beryllium	4.63	0.046	"	4.57	0.486	90.6	75-125				
Cadmium	4.16	0.274	"	4.57	ND	90.9	75-125				
Chromium	30.0	0.458	"	18.3	13.6	89.7	75-125				
Copper	35.4	1.83	"	22.9	14.9	89.7	75-125				
Lead	53.4	0.458	"	45.7	14.8	84.3	75-125				
Manganese	398	0.458	"	45.7	344	117	75-125				
Nickel	53.5	0.911	"	45.7	13.0	88.7	75-125				
Selenium	127	2.29	"	183	ND	69.2	75-125	Low Bias			
Silver	ND	0.461	"	4.57	ND		75-125	Low Bias			
Zinc	68.1	2.28	"	45.7	31.0	81.0	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30339 - EPA 3050B											
Post Spike (BA30339-PS1)	*Source sample: 23A0226-08 (Post Spike)								Prepared: 01/09/2023 Analyzed: 01/10/2023		
Arsenic	1.88		ug/mL	2.00	0.022	92.8	75-125				
Barium	2.35		"	2.00	0.424	96.1	75-125				
Beryllium	0.052		"	0.0500	0.005	93.4	75-125				
Cadmium	0.046		"	0.0500	0.0005	90.1	75-125				
Chromium	0.330		"	0.200	0.149	90.7	75-125				
Copper	0.409		"	0.250	0.163	98.6	75-125				
Lead	0.614		"	0.500	0.162	90.4	75-125				
Manganese	4.13		"	0.500	3.76	73.0	75-125	Low Bias			
Nickel	0.598		"	0.500	0.142	91.2	75-125				
Selenium	1.39		"	2.00	-0.144	69.5	75-125	Low Bias			
Silver	-0.0008		"	0.0500	-0.045		75-125	Low Bias			
Zinc	0.769		"	0.500	0.339	86.0	75-125				
Reference (BA30339-SRM1)									Prepared: 01/09/2023 Analyzed: 01/10/2023		
Arsenic	93.1	1.25	mg/kg wet	87.4		106	70-130.4				
Barium	380	2.08	"	347		109	75.2-130.3				
Beryllium	106	0.042	"	103		103	74.8-132				
Cadmium	170	0.250	"	160		106	75-145.6				
Chromium	241	0.417	"	231		104	70.1-134.2				
Copper	154	1.67	"	144		107	75-126.4				
Lead	263	0.417	"	266		99.0	74.1-125.9				
Manganese	567	0.417	"	555		102	77.3-132.8				
Nickel	382	0.830	"	350		109	70-144				
Selenium	93.6	2.08	"	130		72.0	66.9-133.8				
Silver	54.8	0.420	"	57.1		96.0	70.2-129.8				
Zinc	163	2.08	"	160		102	70-130				

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 BA30249 - EPA 7473 soil											
Blank (BA30249-BLK1)								Prepared & Analyzed: 01/06/2023			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BA30249-DUP1)	*Source sample: 22L1325-10 (Duplicate)							Prepared & Analyzed: 01/06/2023			
Mercury	ND	0.0372	mg/kg dry		ND					35	
Matrix Spike (BA30249-MS1)	*Source sample: 22L1325-10 (Matrix Spike)							Prepared & Analyzed: 01/06/2023			
Mercury	0.512		mg/kg	0.500	0.0299	96.4	75-125				
Reference (BA30249-SRM1)								Prepared & Analyzed: 01/06/2023			
Mercury	20.501		mg/kg	27.2		75.4	59.9-140.1				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30263 - Analysis Preparation Soil											
Blank (BA30263-BLK1)								Prepared & Analyzed: 01/06/2023			
Cyanide, total	ND	0.500	mg/kg wet								
Duplicate (BA30263-DUP1)	*Source sample: 23A0238-02 (Duplicate)							Prepared & Analyzed: 01/06/2023			
Cyanide, total	ND	0.559	mg/kg dry		ND					15	
Matrix Spike (BA30263-MS1)	*Source sample: 23A0238-02 (Matrix Spike)							Prepared & Analyzed: 01/06/2023			
Cyanide, total	10.5	0.559	mg/kg dry	11.2	ND	94.1	79.6-107				
Reference (BA30263-SRM1)								Prepared & Analyzed: 01/06/2023			
Cyanide, total	152		ug/mL	131		116	44.4-156.5				
Batch BA30297 - EPA SW846-3060											
Blank (BA30297-BLK1)								Prepared & Analyzed: 01/09/2023			
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Duplicate (BA30297-DUP1)	*Source sample: 23A0215-06 (Grid 5 CS-1)							Prepared & Analyzed: 01/09/2023			
Chromium, Hexavalent	ND	0.549	mg/kg dry		ND					35	
Matrix Spike (BA30297-MS1)	*Source sample: 23A0215-06 (Grid 5 CS-1)							Prepared & Analyzed: 01/09/2023			
Chromium, Hexavalent	17.8	0.549	mg/kg dry	22.0	ND	81.2	75-125				
Reference (BA30297-SRM1)								Prepared & Analyzed: 01/09/2023			
Chromium, Hexavalent	153		mg/L	227		67.4	42.3-157.7				

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 BA30214 - % Solids Prep											
Duplicate (BA30214-DUP1)	*Source sample: 23A0215-05 (Grid 5 CS-5)								Prepared & Analyzed: 01/05/2023		
% Solids	90.5	0.100	%		89.3				1.35	20	
Batch BA30217 - % Solids Prep											
Duplicate (BA30217-DUP1)	*Source sample: 23A0226-08 (Duplicate)								Prepared & Analyzed: 01/05/2023		
% Solids	90.2	0.100	%		91.1				1.00	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
23A0215-01	Grid 5 CS-1	40mL Vial with Stir Bar-Cool 4° C
23A0215-02	Grid 5 CS-2	40mL Vial with Stir Bar-Cool 4° C
23A0215-03	Grid 5 CS-3	40mL Vial with Stir Bar-Cool 4° C
23A0215-04	Grid 5 CS-4	40mL Vial with Stir Bar-Cool 4° C
23A0215-05	Grid 5 CS-5	40mL Vial with Stir Bar-Cool 4° C

Sample and Data Qualifiers Relating to This Work Order

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
M-SPKM	The spike recovery is not within acceptance windows due to sample non-homogeneity, or matrix interference.
M-PS	This Element exhibted recovery outside control limits for the Post Spike.
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.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document.
This 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. 23A0215

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | clientservices@yorklab.com | www.yorklab.com | 800-306-YORK | 800-306-9675

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Laurel Environmental	Company:	Company:	19-401	RUSH - Next Day
Address: 53 West Hills Road, Huntington Station, NY 11746	Address: Scott	Address: Verlin,	YOUR Project Name: 270 Main Avenue, Long Island City	RUSH - Two Day
Phone: (631) 673-0022	Phone:	Phone:		RUSH - Three Day
Contact: Scott Youngs	Contact:	Contact:		RUSH - Four Day X
E-mail: lys.reserving@verizon.com	E-mail:	E-mail:	YOUR PO#:	Standard (5-7 Day) X

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

Nicky Frandellozzi

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 X; New Jersey; Connecticut; Pennsylvania; Other:

Report / EDD Type (circle selections): Summary Report; QA Report; NY ASP A Package; NY ASP B Package; CT RCP; CT RCP DQA/DUE; NJDEP Reduced Deliverables; NJDKQP; Standard Excel EDD; EQuIS (Standard); NYSDEC EQuIS; NJDEP SRP HazSite; Other:

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
Grid 5 GS-1	S	1/5/23 1220	USEPA 8260	(4) 40mL Terracore
Grid 5 GS-2	S	1235		
Grid 5 GS-3	S	1220		
Grid 5 GS-4	S	1235		
Grid 5 GS-5	S	1240		
Grid 5 CS-1	S	1245	3/5 SVOCs, TAL Metals, PCBs, Pesticides, PFAS (537)	8oz, 4oz, 2oz jar
Grid 5 CS-2	S	1250		

Comments: ~~Add PFAS~~ 5 day Rush all samples

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

Preservation: (check all that apply) HCl ___ MeOH ✓ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other: di water

Special Instruction: Field Filtered ___ Lab to Filter ___

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
	1/5/23 0900		1/5/23 1500		1/5/23 1800
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
					1/5/23 2.4

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: 02/20/2023
Client Project ID: 27-09 40th Avenue 19-401
York Project (SDG) No.: 23B0807

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

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: 02/20/2023
Client Project ID: 27-09 40th Avenue 19-401
York Project (SDG) No.: 23B0807

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 February 15, 2023 and listed below. The project was identified as your project: **27-09 40th Avenue 19-401**.

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
23B0807-01	Q6 NE	Soil	02/14/2023	02/15/2023
23B0807-02	Q6 NW	Soil	02/14/2023	02/15/2023
23B0807-03	Q6 SE	Soil	02/14/2023	02/15/2023
23B0807-04	Q6 SW	Soil	02/14/2023	02/15/2023

General Notes for York Project (SDG) No.: 23B0807

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

Approved By:  **Date:** 02/20/2023

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: Q6 NE

York Sample ID: 23B0807-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0807	27-09 40th Avenue 19-401	Soil	February 14, 2023 11:00 am	02/15/2023

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	02/17/2023 08:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/18/2023 11:59	BJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	02/17/2023 08:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/18/2023 11:59	BJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	02/17/2023 08:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/18/2023 11:59	BJ
309-00-2	Aldrin	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	02/17/2023 08:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/18/2023 11:59	BJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	02/17/2023 08:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/18/2023 11:59	BJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	02/17/2023 08:23 NELAC-NY10854,NJDEP	02/18/2023 11:59	BJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	02/17/2023 08:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/18/2023 11:59	BJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	02/17/2023 08:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/18/2023 11:59	BJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	02/17/2023 08:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/18/2023 11:59	BJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	02/17/2023 08:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/18/2023 11:59	BJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	02/17/2023 08:23 CTDOH-PH-0723,NELAC-NY10854	02/18/2023 11:59	BJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	02/17/2023 08:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/18/2023 11:59	BJ
72-20-8	Endrin	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	02/17/2023 08:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/18/2023 11:59	BJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	02/17/2023 08:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/18/2023 11:59	BJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	02/17/2023 08:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/18/2023 11:59	BJ

	Surrogate Recoveries	Result		Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*19.5 %*	S-08, S-GC	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*32.1 %*		*30-150*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**93.3**		%	0.100	1	SM 2540G Certifications:	02/16/2023 15:06 CTDOH-PH-0723	02/16/2023 20:39	AGNR

Sample Information

Client Sample ID: **Q6 NW** **York Sample ID:** **23B0807-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0807	27-09 40th Avenue 19-401	Soil	February 14, 2023 11:05 am	02/15/2023

PEST, 8081 MASTER

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	0.00170	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:17	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00170	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:17	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00170	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:17	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00170	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:17	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00170	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:17	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00170	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:17	BJ
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00170	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:17	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00170	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:17	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00170	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:17	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00170	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:17	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00170	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:17	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00170	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:17	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00170	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:17	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00170	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:17	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00170	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:17	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*42.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*73.5 %*	*30-150*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**96.9**		%	0.100	1	SM 2540G	02/16/2023 15:06	02/16/2023 20:39	AGNR
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: Q6 SE

York Sample ID: 23B0807-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0807	27-09 40th Avenue 19-401	Soil	February 14, 2023 11:10 am	02/15/2023

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00181	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:35	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00181	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:35	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00181	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:35	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00181	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:35	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:35	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00181	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:35	BJ
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:35	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:35	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00181	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:35	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00181	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:35	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00181	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:35	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00181	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:35	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00181	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:35	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00181	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:35	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00181	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:35	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*37.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*66.0 %*	*30-150*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.0**		%	0.100	1	SM 2540G	02/16/2023 15:06	02/16/2023 20:39	AGNR
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: Q6 SW

York Sample ID: 23B0807-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0807	27-09 40th Avenue 19-401	Soil	February 14, 2023 11:15 am	02/15/2023

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00173	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:53	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00173	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:53	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00173	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:53	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00173	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:53	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:53	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00173	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:53	BJ
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:53	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:53	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00173	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:53	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00173	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:53	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00173	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:53	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00173	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:53	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00173	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:53	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00173	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:53	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00173	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:53	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*35.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*61.5 %*	*30-150*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**95.5**		%	0.100	1	SM 2540G	02/16/2023 15:06	02/16/2023 20:39	AGNR
							Certifications:	CTDOH-PH-0723		

Analytical Batch Summary

Batch ID: BB31007 **Preparation Method:** % Solids Prep **Prepared By:** AGNR

YORK Sample ID	Client Sample ID	Preparation Date
23B0807-01	Q6 NE	02/16/23
23B0807-02	Q6 NW	02/16/23
23B0807-03	Q6 SE	02/16/23
23B0807-04	Q6 SW	02/16/23
BB31007-DUP1	Duplicate	02/16/23

Batch ID: BB31033 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
23B0807-01	Q6 NE	02/17/23
23B0807-02	Q6 NW	02/17/23
23B0807-03	Q6 SE	02/17/23
23B0807-04	Q6 SW	02/17/23
BB31033-BLK1	Blank	02/17/23
BB31033-BS1	LCS	02/17/23

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 BB31033 - EPA 3550C											
Blank (BB31033-BLK1)											Prepared: 02/17/2023 Analyzed: 02/18/2023
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Surrogate: Decachlorobiphenyl	*0.0310*		*"*	*0.0664*		*46.7*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0540*		*"*	*0.0664*		*81.3*	*30-150*				
LCS (BB31033-BS1)											Prepared: 02/17/2023 Analyzed: 02/19/2023
4,4'-DDD	0.0234	0.00164	mg/kg wet	0.0332		70.4	40-140				
4,4'-DDE	0.0226	0.00164	"	0.0332		68.0	40-140				
4,4'-DDT	0.0151	0.00164	"	0.0332		45.5	40-140				
Aldrin	0.0227	0.00164	"	0.0332		68.2	40-140				
alpha-BHC	0.0247	0.00164	"	0.0332		74.3	40-140				
alpha-Chlordane	0.0218	0.00164	"	0.0332		65.5	40-140				
beta-BHC	0.0332	0.00164	"	0.0332		99.9	40-140				
delta-BHC	0.0274	0.00164	"	0.0332		82.5	40-140				
Dieldrin	0.0260	0.00164	"	0.0332		78.4	40-140				
Endosulfan I	0.0266	0.00164	"	0.0332		80.1	40-140				
Endosulfan II	0.0244	0.00164	"	0.0332		73.6	40-140				
Endosulfan sulfate	0.0239	0.00164	"	0.0332		71.9	40-140				
Endrin	0.0208	0.00164	"	0.0332		62.5	40-140				
gamma-BHC (Lindane)	0.0279	0.00164	"	0.0332		83.9	40-140				
Heptachlor	0.0314	0.00164	"	0.0332		94.6	40-140				
Surrogate: Decachlorobiphenyl	*0.0294*		*"*	*0.0664*		*44.2*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0456*		*"*	*0.0664*		*68.6*	*30-150*				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB31007 - % Solids Prep											
Duplicate (BB31007-DUP1)	*Source sample: 23B0807-04 (Q6 SW)								Prepared & Analyzed: 02/16/2023		
% Solids	94.4	0.100	%		95.5				1.22	20	

Sample and Data Qualifiers Relating to This Work Order

S-GC Two surrogates are used for this analysis. One surrogate recovered within control limits therefore the analysis is acceptable.

S-08 The recovery of this surrogate was outside of QC limits.

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 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. 23B0807

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 Sta., NY	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

YOUR Project Name: 27-09 40th Ave, LIC, NY

YOUR PO#: 19-

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- **Standard (5-7 Day)** X
- **(7-10 for PFAS)**

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.

Jamie Burgher

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 X
New Jersey
Connecticut
Pennsylvania
Other:

Report / EDD Type (circle selections)

Summary Report | CT RCP | EQuIS (Standard)
QA Report | CT RCP DQA/DUE | NYSDEC EQuIS
Standard Excel EDD | NJDEP Reduced Deliverables | NJDKQP
NY ASP B Package | NJDEP SRP HazSite
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.
Q6 NE	S	2/14/23 1100	Pesticides	(1) 8oz	
Q6 NW	↓	1105	↓	↓	
Q6 SE		1110			
Q6 SW		1115			

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
	2/15/23 0900	KBarkyork	2/15/23 910 AM	KBarkyork	2/15/23 1657
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**
					2/15/23 1657 / 3.5 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: 01/11/2023
Client Project ID: 27-09 40th Avenue LIC 19-401
York Project (SDG) No.: 23A0209

Revision No. 1.0

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

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: 01/11/2023
Client Project ID: 27-09 40th Avenue LIC 19-401
York Project (SDG) No.: 23A0209

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 January 05, 2023 and listed below. The project was identified as your project: **27-09 40th Avenue LIC 19-401**.

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
23A0209-01	Grid 6 CS-1	Soil	01/04/2023	01/05/2023

General Notes for York Project (SDG) No.: 23A0209

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

Approved By: Cassie L. Mosher **Date:** 01/11/2023

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: Grid 6 CS-1 **York Sample ID:** 23A0209-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0209	27-09 40th Avenue LIC 19-401	Soil	January 4, 2023 1:00 pm	01/05/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.216	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:14	ESJ
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.216	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:14	ESJ
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.216	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:14	ESJ
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.216	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:14	ESJ
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.216	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:14	ESJ
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.216	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:14	ESJ
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.216	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:14	ESJ
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.216	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:14	ESJ
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.216	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:14	ESJ
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.216	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:14	ESJ
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.216	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:14	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.216	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:14	ESJ
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.216	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:14	ESJ
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.216	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:14	ESJ
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.433	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:14	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.216	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:14	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.216	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:14	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.216	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:14	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.866	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:14	ESJ
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.866	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:14	ESJ
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.866	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:14	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.433	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:14	ESJ

Sample Information

Client Sample ID: Grid 6 CS-1 **York Sample ID:** 23A0209-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0209	27-09 40th Avenue LIC 19-401	Soil	January 4, 2023 1:00 pm	01/05/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.433	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:14	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.433	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:14	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.433	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:14	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.216	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:14	ESJ
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.866	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:14	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.866	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:14	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.866	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:14	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.866	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:14	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	0.866	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:14	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.216	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:14	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.216	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:14	ESJ
356-02-2	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	1.08	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:14	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	5.41	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:14	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	5.41	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:14	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	2.16	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:14	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.216	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:14	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	2.16	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:14	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.216	1	EPA 1633 Draft 2 Certifications:	01/06/2023 13:37	01/10/2023 13:14	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*87.5 %*	*25-150*
Surrogate: M5PFHxA	*95.4 %*	*25-150*
Surrogate: M4PFHpA	*94.1 %*	*25-150*
Surrogate: M3PFHxS	*101 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*85.9 %*	*25-150*
Surrogate: M6PFDA	*73.6 %*	*25-150*
Surrogate: M7PFUdA	*75.5 %*	*25-150*

Sample Information

Client Sample ID: Grid 6 CS-1 **York Sample ID:** 23A0209-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0209	27-09 40th Avenue LIC 19-401	Soil	January 4, 2023 1:00 pm	01/05/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*66.7 %*			*25-150*					
	Surrogate: M2PFTeDA	*47.0 %*			*10-150*					
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*101 %*			*25-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*95.5 %*			*25-150*					
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*105 %*			*25-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*100 %*			*10-150*					
	Surrogate: d3-N-MeFOSAA	*76.1 %*			*25-150*					
	Surrogate: d5-N-EtFOSAA	*81.6 %*			*25-150*					
	Surrogate: M2-6:2 FTS	*70.2 %*			*25-200*					
	Surrogate: M2-8:2 FTS	*67.2 %*			*25-200*					
	Surrogate: M9PFNA	*100 %*			*25-150*					
	Surrogate: M2-4:2 FTS	*63.2 %*			*25-150*					
	Surrogate: d-N-MeFOSA	*80.2 %*			*25-150*					
	Surrogate: d-N-EtFOSA	*106 %*			*25-150*					
	Surrogate: M3HFPO-DA	*90.7 %*			*25-150*					
	Surrogate: d9-N-EtFOSE	*69.2 %*			*25-150*					
	Surrogate: d7-N-MeFOSE	*74.3 %*			*25-150*					

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.1**		%	0.100	1	SM 2540G	01/06/2023 13:50	01/06/2023 15:54	YR
							Certifications: CTDOH-PH-0723			

Analytical Batch Summary

Batch ID: BA30260 **Preparation Method:** EPA 1633 Prep **Prepared By:** WJH

YORK Sample ID	Client Sample ID	Preparation Date
23A0209-01	Grid 6 CS-1	01/06/23
BA30260-BLK1	Blank	01/06/23
BA30260-BS1	LCS	01/06/23
BA30260-BS2	LCS	01/06/23
BA30260-DUP1	Duplicate	01/06/23

Batch ID: BA30280 **Preparation Method:** % Solids Prep **Prepared By:** YR

YORK Sample ID	Client Sample ID	Preparation Date
23A0209-01	Grid 6 CS-1	01/06/23
BA30280-DUP1	Duplicate	01/06/23

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30260 - EPA 1633 Prep											
Blank (BA30260-BLK1)											Prepared: 01/06/2023 Analyzed: 01/10/2023
Perfluorobutanesulfonic acid (PFBS)	ND	0.200	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.200	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.200	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.200	"								
Perfluorooctanoic acid (PFOA)	ND	0.200	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.200	"								
Perfluorononanoic acid (PFNA)	ND	0.200	"								
Perfluorodecanoic acid (PFDA)	ND	0.200	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.200	"								
Perfluorododecanoic acid (PFDoA)	ND	0.200	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.200	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.200	"								
N-MeFOSAA	ND	0.200	"								
N-EtFOSAA	ND	0.200	"								
Perfluoropentanoic acid (PFPeA)	ND	0.400	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.200	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.200	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.200	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	0.800	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	0.800	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.800	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.400	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.400	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.400	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.400	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.200	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	0.800	"								
HFPO-DA (Gen-X)	ND	0.800	"								
11CL-PF3OUdS	ND	0.800	"								
9CL-PF3ONS	ND	0.800	"								
ADONA	ND	0.800	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.200	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.200	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	1.00	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	5.00	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	5.00	"								
N-MeFOSE	ND	2.00	"								
N-MeFOSA	ND	0.200	"								
N-EtFOSE	ND	2.00	"								
N-EtFOSA	ND	0.200	"								
Surrogate: M3PFBS	*2.04*		"	*2.33*		*87.4*	*25-150*				
Surrogate: M5PFHxA	*2.50*		"	*2.50*		*100*	*25-150*				
Surrogate: M4PFHpA	*2.44*		"	*2.50*		*97.5*	*25-150*				
Surrogate: M3PFHxS	*2.39*		"	*2.37*		*101*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.50*		"	*2.50*		*100*	*25-150*				
Surrogate: M6PFDA	*1.09*		"	*1.25*		*87.4*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30260 - EPA 1633 Prep											
Blank (BA30260-BLK1)								Prepared: 01/06/2023 Analyzed: 01/10/2023			
Surrogate: M7PFUdA	*1.04*		*ug/kg wet*	*1.25*		*83.4*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.948*		*"*	*1.25*		*75.8*	*25-150*				
Surrogate: M2PFTeDA	*0.750*		*"*	*1.25*		*60.0*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*10.0*		*"*	*10.0*		*100*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.60*		*"*	*2.40*		*108*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.42*		*"*	*5.00*		*108*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*0.653*		*"*	*2.50*		*26.1*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.15*		*"*	*5.00*		*83.0*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.36*		*"*	*5.00*		*87.2*	*25-150*				
Surrogate: M2-6:2 FTS	*3.40*		*"*	*4.76*		*71.5*	*25-200*				
Surrogate: M2-8:2 FTS	*3.08*		*"*	*4.80*		*64.1*	*25-200*				
Surrogate: M9PFNA	*1.22*		*"*	*1.25*		*98.0*	*25-150*				
Surrogate: M2-4:2 FTS	*3.00*		*"*	*4.69*		*64.0*	*25-150*				
Surrogate: d-N-MeFOSA	*0.568*		*"*	*2.50*		*22.7*	*25-150*				
Surrogate: d-N-EtFOSA	*1.38*		*"*	*2.50*		*55.1*	*25-150*				
Surrogate: M3HFPO-DA	*9.26*		*"*	*10.0*		*92.6*	*25-150*				
Surrogate: d9-N-EtFOSE	*5.57*		*"*	*25.0*		*22.3*	*25-150*				
Surrogate: d7-N-MeFOSE	*5.41*		*"*	*25.0*		*21.7*	*25-150*				
LCS (BA30260-BS1)								Prepared: 01/06/2023 Analyzed: 01/10/2023			
Perfluorobutanesulfonic acid (PFBS)	3.94	0.198	ug/kg wet	3.50		112	50-150				
Perfluorohexanoic acid (PFHxA)	4.67	0.198	"	3.96		118	50-150				
Perfluoroheptanoic acid (PFHpA)	4.59	0.198	"	3.96		116	50-150				
Perfluorohexanesulfonic acid (PFHxS)	5.13	0.198	"	3.62		142	50-150				
Perfluorooctanoic acid (PFOA)	4.34	0.198	"	3.96		110	50-150				
Perfluorooctanesulfonic acid (PFOS)	4.07	0.198	"	3.68		111	50-150				
Perfluorononanoic acid (PFNA)	3.88	0.198	"	3.96		98.0	50-150				
Perfluorodecanoic acid (PFDA)	4.69	0.198	"	3.96		119	50-150				
Perfluoroundecanoic acid (PFUnA)	4.15	0.198	"	3.96		105	50-150				
Perfluorododecanoic acid (PFDoA)	4.60	0.198	"	3.96		116	50-150				
Perfluorotridecanoic acid (PFTrDA)	4.40	0.198	"	3.96		111	50-150				
Perfluorotetradecanoic acid (PFTA)	3.89	0.198	"	3.96		98.2	50-150				
N-MeFOSAA	4.21	0.198	"	3.96		106	50-150				
N-EtFOSAA	4.35	0.198	"	3.96		110	50-150				
Perfluoropentanoic acid (PFPeA)	8.85	0.396	"	7.92		112	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	3.87	0.198	"	3.96		97.7	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.62	0.198	"	3.78		122	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	4.11	0.198	"	3.82		107	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	16.6	0.792	"	15.0		110	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	16.8	0.792	"	15.2		110	50-150				
Perfluoro-n-butanoic acid (PFBA)	17.5	0.792	"	15.8		110	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	9.13	0.396	"	7.05		130	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	5.79	0.396	"	7.92		73.0	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	9.94	0.396	"	7.92		125	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	9.29	0.396	"	7.92		117	50-150				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30260 - EPA 1633 Prep											
LCS (BA30260-BS1)								Prepared: 01/06/2023 Analyzed: 01/10/2023			
Perfluoro-1-pentanesulfonate (PFPeS)	4.10	0.198	ug/kg wet	3.72		110	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	15.9	0.792	"	14.9		107	50-150				
HFPO-DA (Gen-X)	9.22	0.792	"	7.92		116	50-150				
11CL-PF3OUdS	7.47	0.792	"	7.49		99.7	50-150				
9CL-PF3ONS	8.40	0.792	"	7.41		113	50-150				
ADONA	9.13	0.792	"	7.49		122	50-150				
Perfluorododecanesulfonic acid (PFDoS)	2.79	0.198	"	3.84		72.6	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	4.63	0.198	"	3.80		122	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	3.36	0.990	"	15.8		21.2	50-150	Low Bias			
3-Perfluoropentyl propanoic acid (FPePA)	49.3	4.95	"	79.2		62.2	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	60.3	4.95	"	79.2		76.1	50-150				
N-MeFOSE	41.5	1.98	"	39.6		105	50-150				
N-MeFOSA	3.99	0.198	"	3.96		101	50-150				
N-EtFOSE	46.5	1.98	"	39.6		117	50-150				
N-EtFOSA	3.53	0.198	"	3.96		89.1	50-150				
Surrogate: M3PFBS	*2.20*		"	*2.31*		*95.3*	*25-150*				
Surrogate: M5PFHxA	*2.25*		"	*2.48*		*90.8*	*25-150*				
Surrogate: M4PFHpA	*2.25*		"	*2.48*		*90.8*	*25-150*				
Surrogate: M3PFHxS	*2.34*		"	*2.35*		*99.7*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.10*		"	*2.48*		*84.9*	*25-150*				
Surrogate: M6PFDA	*0.995*		"	*1.24*		*80.4*	*25-150*				
Surrogate: M7PFUdA	*0.933*		"	*1.24*		*75.4*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.792*		"	*1.24*		*64.0*	*25-150*				
Surrogate: M2PFTeDA	*0.661*		"	*1.24*		*53.4*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*9.82*		"	*9.90*		*99.2*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*1.99*		"	*2.37*		*83.7*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.04*		"	*4.95*		*102*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*0.956*		"	*2.48*		*38.6*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.39*		"	*4.95*		*68.5*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.30*		"	*4.95*		*66.6*	*25-150*				
Surrogate: M2-6:2 FTS	*3.87*		"	*4.71*		*82.3*	*25-200*				
Surrogate: M2-8:2 FTS	*3.77*		"	*4.75*		*79.3*	*25-200*				
Surrogate: M9PFNA	*1.09*		"	*1.24*		*88.1*	*25-150*				
Surrogate: M2-4:2 FTS	*3.80*		"	*4.64*		*81.7*	*25-150*				
Surrogate: d-N-MeFOSA	*0.767*		"	*2.48*		*31.0*	*25-150*				
Surrogate: d-N-EtFOSA	*1.58*		"	*2.48*		*64.0*	*25-150*				
Surrogate: M3HFPO-DA	*9.12*		"	*9.90*		*92.1*	*25-150*				
Surrogate: d9-N-EtFOSE	*5.88*		"	*24.8*		*23.8*	*25-150*				
Surrogate: d7-N-MeFOSE	*7.11*		"	*24.8*		*28.7*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30260 - EPA 1633 Prep											
LCS (BA30260-BS2)								Prepared: 01/06/2023 Analyzed: 01/10/2023			
Perfluorobutanesulfonic acid (PFBS)	0.401	0.198	ug/kg wet	0.350		114	50-150				
Perfluorohexanoic acid (PFHxA)	0.448	0.198	"	0.396		113	50-150				
Perfluoroheptanoic acid (PFHpA)	0.445	0.198	"	0.396		112	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.526	0.198	"	0.362		145	50-150				
Perfluorooctanoic acid (PFOA)	0.492	0.198	"	0.396		124	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.401	0.198	"	0.368		109	50-150				
Perfluorononanoic acid (PFNA)	0.438	0.198	"	0.396		111	50-150				
Perfluorodecanoic acid (PFDA)	0.438	0.198	"	0.396		110	50-150				
Perfluoroundecanoic acid (PFUnA)	0.476	0.198	"	0.396		120	50-150				
Perfluorododecanoic acid (PFDoA)	0.437	0.198	"	0.396		110	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.468	0.198	"	0.396		118	50-150				
Perfluorotetradecanoic acid (PFTA)	0.412	0.198	"	0.396		104	50-150				
N-MeFOSAA	0.370	0.198	"	0.396		93.3	50-150				
N-EtFOSAA	0.499	0.198	"	0.396		126	50-150				
Perfluoropentanoic acid (PFPeA)	0.865	0.396	"	0.792		109	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.410	0.198	"	0.396		104	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.438	0.198	"	0.378		116	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.371	0.198	"	0.382		97.0	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1.69	0.792	"	1.50		112	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1.79	0.792	"	1.52		118	50-150				
Perfluoro-n-butanoic acid (PFBA)	1.68	0.792	"	1.58		106	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	0.883	0.396	"	0.705		125	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	0.631	0.396	"	0.792		79.7	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.982	0.396	"	0.792		124	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	0.880	0.396	"	0.792		111	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.405	0.198	"	0.372		109	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1.87	0.792	"	1.49		126	50-150				
HFPO-DA (Gen-X)	0.749	0.792	"	0.792		94.6	50-150				
11CL-PF3OUdS	0.788	0.792	"	0.749		105	50-150				
9CL-PF3ONS	0.908	0.792	"	0.741		123	50-150				
ADONA	0.958	0.792	"	0.749		128	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.273	0.198	"	0.384		71.0	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.494	0.198	"	0.380		130	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.990	"	1.58			50-150	Low Bias			
3-Perfluoropentyl propanoic acid (FPePA)	2.62	4.95	"	7.92		33.0	50-150	Low Bias			
3-Perfluoroheptyl propanoic acid (FHpPA)	3.64	4.95	"	7.92		45.9	50-150	Low Bias			
N-MeFOSE	4.40	1.98	"	3.96		111	50-150				
N-MeFOSA	0.642	0.198	"	0.396		162	50-150	High Bias			
N-EtFOSE	4.21	1.98	"	3.96		106	50-150				
N-EtFOSA	0.340	0.198	"	0.396		85.9	50-150				
Surrogate: M3PFBS	*2.09*		*"*	*2.31*		*90.7*	*25-150*				
Surrogate: M5PFHxA	*2.30*		*"*	*2.48*		*92.9*	*25-150*				
Surrogate: M4PFHpA	*2.25*		*"*	*2.48*		*90.8*	*25-150*				
Surrogate: M3PFHxS	*2.29*		*"*	*2.35*		*97.8*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*1.99*		*"*	*2.48*		*80.3*	*25-150*				
Surrogate: M6PFDA	*1.19*		*"*	*1.24*		*96.3*	*25-150*				
Surrogate: M7PFUdA	*1.02*		*"*	*1.24*		*82.1*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30260 - EPA 1633 Prep											
LCS (BA30260-BS2)											
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.966*		*ug/kg wet*	*1.24*		*78.1*	*25-150*				
Surrogate: M2PFTeDA	*0.731*		*"*	*1.24*		*59.1*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*9.68*		*"*	*9.90*		*97.8*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.25*		*"*	*2.37*		*95.1*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.01*		*"*	*4.95*		*101*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*0.411*		*"*	*2.48*		*16.6*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.91*		*"*	*4.95*		*79.0*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.83*		*"*	*4.95*		*77.4*	*25-150*				
Surrogate: M2-6:2 FTS	*3.67*		*"*	*4.71*		*77.9*	*25-200*				
Surrogate: M2-8:2 FTS	*3.33*		*"*	*4.75*		*70.1*	*25-200*				
Surrogate: M9PFNA	*1.30*		*"*	*1.24*		*105*	*25-150*				
Surrogate: M2-4:2 FTS	*3.23*		*"*	*4.64*		*69.5*	*25-150*				
Surrogate: d-N-MeFOSA	*0.300*		*"*	*2.48*		*12.1*	*25-150*				
Surrogate: d-N-EtFOSA	*1.35*		*"*	*2.48*		*54.6*	*25-150*				
Surrogate: M3HFPO-DA	*8.75*		*"*	*9.90*		*88.4*	*25-150*				
Surrogate: d9-N-EtFOSE	*4.14*		*"*	*24.8*		*16.7*	*25-150*				
Surrogate: d7-N-MeFOSE	*4.03*		*"*	*24.8*		*16.3*	*25-150*				
Duplicate (BA30260-DUP1)	*Source sample: 23A0226-08 (Duplicate)										
Perfluorobutanesulfonic acid (PFBS)	ND	0.218	ug/kg dry		ND					30	
Perfluorohexanoic acid (PFHxA)	ND	0.218	"		ND					30	
Perfluoroheptanoic acid (PFHpA)	ND	0.218	"		ND					30	
Perfluorohexanesulfonic acid (PFHxS)	ND	0.218	"		ND					30	
Perfluorooctanoic acid (PFOA)	ND	0.218	"		ND					30	
Perfluorooctanesulfonic acid (PFOS)	ND	0.218	"		ND					30	
Perfluorononanoic acid (PFNA)	ND	0.218	"		ND					30	
Perfluorodecanoic acid (PFDA)	ND	0.218	"		ND					30	
Perfluoroundecanoic acid (PFUnA)	ND	0.218	"		ND					30	
Perfluorododecanoic acid (PFDoA)	ND	0.218	"		ND					30	
Perfluorotridecanoic acid (PFTrDA)	ND	0.218	"		ND					30	
Perfluorotetradecanoic acid (PFTA)	ND	0.218	"		ND					30	
N-MeFOSAA	ND	0.218	"		ND					30	
N-EtFOSAA	ND	0.218	"		ND					30	
Perfluoropentanoic acid (PFPeA)	ND	0.436	"		ND					30	
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.218	"		ND					30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.218	"		ND					30	
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.218	"		ND					30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	0.873	"		ND					30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	0.873	"		ND					30	
Perfluoro-n-butanoic acid (PFBA)	ND	0.873	"		ND					30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.436	"		ND					30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.436	"		ND					30	
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.436	"		ND					30	
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.436	"		ND					30	
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.218	"		ND					30	

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30260 - EPA 1633 Prep											
Duplicate (BA30260-DUP1)	*Source sample: 23A0226-08 (Duplicate)								Prepared: 01/06/2023 Analyzed: 01/10/2023		
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	0.873	ug/kg dry		ND					30	
HFPO-DA (Gen-X)	ND	0.873	"		ND					30	
11CL-PF3OUdS	ND	0.873	"		ND					30	
9CL-PF3ONS	ND	0.873	"		ND					30	
ADONA	ND	0.873	"		ND					30	
Perfluorododecanesulfonic acid (PFDoS)	ND	0.218	"		ND					30	
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.218	"		ND					30	
3-Perfluoropropyl propanoic acid (FPrPA)	ND	1.09	"		ND					30	
3-Perfluoropentyl propanoic acid (FPePA)	ND	5.46	"		ND					30	
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	5.46	"		ND					30	
N-MeFOSE	ND	2.18	"		ND					30	
N-MeFOSA	ND	0.218	"		ND					30	
N-EtFOSE	ND	2.18	"		ND					30	
N-EtFOSA	1.49	0.218	"		ND					30	
Surrogate: M3PFBS	*2.26*		"	*2.54*		*88.8*	*25-150*				
Surrogate: M5PFHxA	*2.62*		"	*2.73*		*96.1*	*25-150*				
Surrogate: M4PFHpA	*2.37*		"	*2.73*		*86.9*	*25-150*				
Surrogate: M3PFHxS	*2.49*		"	*2.59*		*96.5*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.47*		"	*2.73*		*90.6*	*25-150*				
Surrogate: M6PFDA	*1.23*		"	*1.36*		*90.3*	*25-150*				
Surrogate: M7PFUdA	*1.07*		"	*1.36*		*78.2*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.06*		"	*1.36*		*77.6*	*25-150*				
Surrogate: M2PFTeDA	*0.760*		"	*1.36*		*55.7*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*10.3*		"	*10.9*		*94.4*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.40*		"	*2.61*		*91.9*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.38*		"	*5.46*		*98.7*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*0.427*		"	*2.73*		*15.7*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.15*		"	*5.46*		*76.0*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.34*		"	*5.46*		*79.6*	*25-150*				
Surrogate: M2-6:2 FTS	*3.71*		"	*5.19*		*71.5*	*25-200*				
Surrogate: M2-8:2 FTS	*3.40*		"	*5.24*		*64.9*	*25-200*				
Surrogate: M9PFNA	*1.29*		"	*1.36*		*94.7*	*25-150*				
Surrogate: M2-4:2 FTS	*3.10*		"	*5.12*		*60.7*	*25-150*				
Surrogate: d-N-MeFOSA	*0.370*		"	*2.73*		*13.6*	*25-150*				
Surrogate: d-N-EtFOSA	*0.0926*		"	*2.73*		*3.39*	*25-150*				
Surrogate: M3HFPO-DA	*9.36*		"	*10.9*		*85.8*	*25-150*				
Surrogate: d9-N-EtFOSE	*4.11*		"	*27.3*		*15.1*	*25-150*				
Surrogate: d7-N-MeFOSE	*3.83*		"	*27.3*		*14.0*	*25-150*				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30280 - % Solids Prep											
Duplicate (BA30280-DUP1)	*Source sample: 23A0209-01 (Grid 6 CS-1)								Prepared & Analyzed: 01/06/2023		
% Solids	90.7	0.100	%		91.1				0.500	20	

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Revision Description: This report has been revised to change the Sample ID.

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. 23A0209

120 Research Drive Stratford, CT 06615 | 132- 89th Ave Queens, NY 11418 | clientservices@yorklab.com | www.yorklab.com | 800-306-YORK | 800-306-9675 | Page ____ of 02

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Laurel Environmental	Company:	Company:	19-401	RUSH - Next Day
Address: 53 West Hills Road, Huntington Station, NY, 11746	Address: SCOTT	Address: KATHY	YOUR Project Name: 27-24 46th Avenue, Long Island City	RUSH - Two Day
Phone.: (631) 673-0612	Phone.:	Phone.:		RUSH - Three Day
Contact: SCOTT YANUSIK	Contact:	Contact:		RUSH - Four Day X
E-mail: lab results @ laurel environ.com	E-mail:	E-mail:	YOUR PO#:	Standard (5-7 Day) X

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

Nicky Frankel 222

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 X
New Jersey
Connecticut
Pennsylvania
Other:

Report / EDD Type (circle selections)

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

YORK Reg. Comp.

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

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
Grid 6 CS-1	S	1/4/23 1300	PFAS 1633, [redacted]	250mL

Comments: PFAS 5 day Rush all samples

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

Preservation: (check all that apply)

HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction

Field Filtered
Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
	1/5/23 0900	K Bachgoric	1/5/23 1150AM	K Bachgoric	1/5/23 1800
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
				K Blaikie	1/5/23 1[illegible] / 3.4

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: 02/20/2023
Client Project ID: 27-09 40th Avenue 19-401
York Project (SDG) No.: 23B0807

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

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: 02/20/2023
Client Project ID: 27-09 40th Avenue 19-401
York Project (SDG) No.: 23B0807

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 February 15, 2023 and listed below. The project was identified as your project: **27-09 40th Avenue 19-401**.

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
23B0807-01	Q6 NE	Soil	02/14/2023	02/15/2023
23B0807-02	Q6 NW	Soil	02/14/2023	02/15/2023
23B0807-03	Q6 SE	Soil	02/14/2023	02/15/2023
23B0807-04	Q6 SW	Soil	02/14/2023	02/15/2023

General Notes for York Project (SDG) No.: 23B0807

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

Approved By:  **Date:** 02/20/2023

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: Q6 NE

York Sample ID: 23B0807-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0807	27-09 40th Avenue 19-401	Soil	February 14, 2023 11:00 am	02/15/2023

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	02/17/2023 08:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/18/2023 11:59	BJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	02/17/2023 08:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/18/2023 11:59	BJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	02/17/2023 08:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/18/2023 11:59	BJ
309-00-2	Aldrin	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	02/17/2023 08:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/18/2023 11:59	BJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	02/17/2023 08:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/18/2023 11:59	BJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	02/17/2023 08:23 NELAC-NY10854,NJDEP	02/18/2023 11:59	BJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	02/17/2023 08:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/18/2023 11:59	BJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	02/17/2023 08:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/18/2023 11:59	BJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	02/17/2023 08:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/18/2023 11:59	BJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	02/17/2023 08:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/18/2023 11:59	BJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	02/17/2023 08:23 CTDOH-PH-0723,NELAC-NY10854	02/18/2023 11:59	BJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	02/17/2023 08:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/18/2023 11:59	BJ
72-20-8	Endrin	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	02/17/2023 08:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/18/2023 11:59	BJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	02/17/2023 08:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/18/2023 11:59	BJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	02/17/2023 08:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/18/2023 11:59	BJ

	Surrogate Recoveries	Result		Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*19.5 %*	S-08, S-GC	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*32.1 %*		*30-150*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**93.3**		%	0.100	1	SM 2540G Certifications:	02/16/2023 15:06 CTDOH-PH-0723	02/16/2023 20:39	AGNR

Sample Information

Client Sample ID: **Q6 NW** **York Sample ID:** **23B0807-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0807	27-09 40th Avenue 19-401	Soil	February 14, 2023 11:05 am	02/15/2023

PEST, 8081 MASTER

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	0.00170	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:17	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00170	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:17	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00170	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:17	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00170	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:17	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00170	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:17	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00170	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:17	BJ
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00170	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:17	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00170	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:17	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00170	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:17	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00170	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:17	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00170	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:17	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00170	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:17	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00170	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:17	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00170	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:17	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00170	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:17	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*42.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*73.5 %*	*30-150*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**96.9**		%	0.100	1	SM 2540G	02/16/2023 15:06	02/16/2023 20:39	AGNR
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: Q6 SE

York Sample ID: 23B0807-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0807	27-09 40th Avenue 19-401	Soil	February 14, 2023 11:10 am	02/15/2023

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00181	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:35	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00181	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:35	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00181	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:35	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00181	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:35	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:35	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00181	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:35	BJ
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:35	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:35	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00181	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:35	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00181	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:35	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00181	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:35	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00181	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:35	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00181	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:35	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00181	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:35	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00181	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:35	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*37.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*66.0 %*	*30-150*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.0**		%	0.100	1	SM 2540G	02/16/2023 15:06	02/16/2023 20:39	AGNR
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: Q6 SW

York Sample ID: 23B0807-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23B0807	27-09 40th Avenue 19-401	Soil	February 14, 2023 11:15 am	02/15/2023

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00173	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:53	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00173	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:53	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00173	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:53	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00173	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:53	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:53	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00173	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:53	BJ
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:53	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:53	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00173	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:53	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00173	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:53	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00173	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:53	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00173	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:53	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00173	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:53	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00173	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:53	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00173	5	EPA 8081B	02/17/2023 08:23	02/18/2023 12:53	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*35.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*61.5 %*	*30-150*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**95.5**		%	0.100	1	SM 2540G	02/16/2023 15:06	02/16/2023 20:39	AGNR
							Certifications:	CTDOH-PH-0723		

Analytical Batch Summary

Batch ID: BB31007 **Preparation Method:** % Solids Prep **Prepared By:** AGNR

YORK Sample ID	Client Sample ID	Preparation Date
23B0807-01	Q6 NE	02/16/23
23B0807-02	Q6 NW	02/16/23
23B0807-03	Q6 SE	02/16/23
23B0807-04	Q6 SW	02/16/23
BB31007-DUP1	Duplicate	02/16/23

Batch ID: BB31033 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
23B0807-01	Q6 NE	02/17/23
23B0807-02	Q6 NW	02/17/23
23B0807-03	Q6 SE	02/17/23
23B0807-04	Q6 SW	02/17/23
BB31033-BLK1	Blank	02/17/23
BB31033-BS1	LCS	02/17/23

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 BB31033 - EPA 3550C											
Blank (BB31033-BLK1)											Prepared: 02/17/2023 Analyzed: 02/18/2023
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Surrogate: Decachlorobiphenyl	*0.0310*		*"*	*0.0664*		*46.7*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0540*		*"*	*0.0664*		*81.3*	*30-150*				
LCS (BB31033-BS1)											Prepared: 02/17/2023 Analyzed: 02/19/2023
4,4'-DDD	0.0234	0.00164	mg/kg wet	0.0332		70.4	40-140				
4,4'-DDE	0.0226	0.00164	"	0.0332		68.0	40-140				
4,4'-DDT	0.0151	0.00164	"	0.0332		45.5	40-140				
Aldrin	0.0227	0.00164	"	0.0332		68.2	40-140				
alpha-BHC	0.0247	0.00164	"	0.0332		74.3	40-140				
alpha-Chlordane	0.0218	0.00164	"	0.0332		65.5	40-140				
beta-BHC	0.0332	0.00164	"	0.0332		99.9	40-140				
delta-BHC	0.0274	0.00164	"	0.0332		82.5	40-140				
Dieldrin	0.0260	0.00164	"	0.0332		78.4	40-140				
Endosulfan I	0.0266	0.00164	"	0.0332		80.1	40-140				
Endosulfan II	0.0244	0.00164	"	0.0332		73.6	40-140				
Endosulfan sulfate	0.0239	0.00164	"	0.0332		71.9	40-140				
Endrin	0.0208	0.00164	"	0.0332		62.5	40-140				
gamma-BHC (Lindane)	0.0279	0.00164	"	0.0332		83.9	40-140				
Heptachlor	0.0314	0.00164	"	0.0332		94.6	40-140				
Surrogate: Decachlorobiphenyl	*0.0294*		*"*	*0.0664*		*44.2*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0456*		*"*	*0.0664*		*68.6*	*30-150*				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB31007 - % Solids Prep											
Duplicate (BB31007-DUP1)	*Source sample: 23B0807-04 (Q6 SW)								Prepared & Analyzed: 02/16/2023		
% Solids	94.4	0.100	%		95.5				1.22	20	

Sample and Data Qualifiers Relating to This Work Order

S-GC Two surrogates are used for this analysis. One surrogate recovered within control limits therefore the analysis is acceptable.

S-08 The recovery of this surrogate was outside of QC limits.

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 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. 23B0807

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 Sta., NY	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

YOUR Project Name: 27-09 40th Ave, LIC, NY

YOUR PO#: 19-

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- **Standard (5-7 Day)** X
- **(7-10 for PFAS)**

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.

Jamie Burgher

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 X
New Jersey
Connecticut
Pennsylvania
Other:

Report / EDD Type (circle selections)

Summary Report | CT RCP | EQuIS (Standard)
QA Report | CT RCP DQA/DUE | NYSDEC EQuIS
Standard Excel EDD | NJDEP Reduced Deliverables | NJDKQP
NY ASP B Package | NJDEP SRP HazSite
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.
Q6 NE	S	2/14/23 1100	Pesticides	(1) 8oz	
Q6 NW	↓	1105	↓	↓	
Q6 SE		1110			
Q6 SW		1115			

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
	2/15/23 0900	KBarkyork	2/15/23 910 AM	KBarkyork	2/15/23 1657
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**
					2/15/23 1657 / 3.5 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: 03/20/2023
Client Project ID: 27-09 40th Ave, LIC, NY 19-401
York Project (SDG) No.: 23C0521

Report Date: 03/20/2023
Client Project ID: 27-09 40th Ave, LIC, NY 19-401
York Project (SDG) No.: 23C0521

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 March 09, 2023 and listed below. The project was identified as your project: **27-09 40th Ave, LIC, NY 19-401**.

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
23C0521-01	Soil Pile Composite	Soil	03/09/2023	03/09/2023
23C0521-02	Soil Pile G1	Soil	03/09/2023	03/09/2023
23C0521-03	Soil Pile G2	Soil	03/09/2023	03/09/2023
23C0521-04	Soil Pile G3	Soil	03/09/2023	03/09/2023
23C0521-05	Soil Pile G4	Soil	03/09/2023	03/09/2023

General Notes for York Project (SDG) No.: 23C0521

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

Approved By:  **Date:** 03/20/2023

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: **Soil Pile Composite** **York Sample ID:** **23C0521-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0521	27-09 40th Ave, LIC, NY 19-401	Soil	March 9, 2023 9:35 am	03/09/2023

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D Certifications:	03/10/2023 19:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/13/2023 16:42	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D Certifications:	03/10/2023 19:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/13/2023 16:42	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D Certifications:	03/10/2023 19:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/13/2023 16:42	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D Certifications:	03/10/2023 19:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/13/2023 16:42	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D Certifications:	03/10/2023 19:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/13/2023 16:42	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D Certifications:	03/10/2023 19:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/13/2023 16:42	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D Certifications:	03/10/2023 19:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/13/2023 16:42	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D Certifications:	03/10/2023 19:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/13/2023 16:42	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D Certifications:	03/10/2023 19:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/13/2023 16:42	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D Certifications:	03/10/2023 19:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/13/2023 16:42	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D Certifications:	03/10/2023 19:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/13/2023 16:42	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D Certifications:	03/10/2023 19:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/13/2023 16:42	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D Certifications:	03/10/2023 19:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/13/2023 16:42	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D Certifications:	03/10/2023 19:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/13/2023 16:42	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D Certifications:	03/10/2023 19:35 NELAC-NY10854,NJDEP,PADEP	03/13/2023 16:42	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D Certifications:	03/10/2023 19:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/13/2023 16:42	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D Certifications:	03/10/2023 19:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/13/2023 16:42	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D Certifications:	03/10/2023 19:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/13/2023 16:42	KH
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0455	0.0908	2	EPA 8270D Certifications:	03/10/2023 19:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/13/2023 16:42	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D Certifications:	03/10/2023 19:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/13/2023 16:42	KH
108-95-2	Phenol	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D Certifications:	03/10/2023 19:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/13/2023 16:42	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D Certifications:	03/10/2023 19:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/13/2023 16:42	KH

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: **Soil Pile Composite** **York Sample ID:** **23C0521-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0521	27-09 40th Ave, LIC, NY 19-401	Soil	March 9, 2023 9:35 am	03/09/2023

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
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*58.6 %*			*20-108*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*57.3 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*60.7 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*59.7 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*70.8 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*67.4 %*			*24-116*						

PFAS, EPA 1633 Target List

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

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.123	0.196	1	EPA 1633 Draft 2 Certifications:	03/13/2023 15:09	03/20/2023 11:52	ESJ
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0588	0.222	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/13/2023 15:09	03/20/2023 11:52	ESJ
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.116	0.222	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/13/2023 15:09	03/20/2023 11:52	ESJ
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.198	0.203	1	EPA 1633 Draft 2 Certifications:	03/13/2023 15:09	03/20/2023 11:52	ESJ
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.191	0.222	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/13/2023 15:09	03/20/2023 11:52	ESJ
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.185	0.206	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/13/2023 15:09	03/20/2023 11:52	ESJ
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.210	0.222	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/13/2023 15:09	03/20/2023 11:52	ESJ
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.212	0.222	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/13/2023 15:09	03/20/2023 11:52	ESJ
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.220	0.222	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/13/2023 15:09	03/20/2023 11:52	ESJ
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.181	0.222	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/13/2023 15:09	03/20/2023 11:52	ESJ
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.139	0.222	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/13/2023 15:09	03/20/2023 11:52	ESJ
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.114	0.222	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/13/2023 15:09	03/20/2023 11:52	ESJ
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.164	0.222	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/13/2023 15:09	03/20/2023 11:52	ESJ
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.215	0.222	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/13/2023 15:09	03/20/2023 11:52	ESJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.121	0.443	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/13/2023 15:09	03/20/2023 11:52	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.162	0.222	1	EPA 1633 Draft 2 Certifications:	03/13/2023 15:09	03/20/2023 11:52	ESJ

Sample Information

Client Sample ID: Soil Pile Composite

York Sample ID: 23C0521-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0521	27-09 40th Ave, LIC, NY 19-401	Soil	March 9, 2023 9:35 am	03/09/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.172	0.222	1	EPA 1633 Draft 2 Certifications:	03/13/2023 15:09	03/20/2023 11:52	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.212	0.214	1	EPA 1633 Draft 2 Certifications:	03/13/2023 15:09	03/20/2023 11:52	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.660	0.843	1	EPA 1633 Draft 2 Certifications:	03/13/2023 15:09	03/20/2023 11:52	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.837	0.851	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/13/2023 15:09	03/20/2023 11:52	ESJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.121	0.887	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/13/2023 15:09	03/20/2023 11:52	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.154	0.395	1	EPA 1633 Draft 2 Certifications:	03/13/2023 15:09	03/20/2023 11:52	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.214	0.443	1	EPA 1633 Draft 2 Certifications:	03/13/2023 15:09	03/20/2023 11:52	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0687	0.443	1	EPA 1633 Draft 2 Certifications:	03/13/2023 15:09	03/20/2023 11:52	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.106	0.443	1	EPA 1633 Draft 2 Certifications:	03/13/2023 15:09	03/20/2023 11:52	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.174	0.208	1	EPA 1633 Draft 2 Certifications:	03/13/2023 15:09	03/20/2023 11:52	ESJ
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.660	0.832	1	EPA 1633 Draft 2 Certifications:	03/13/2023 15:09	03/20/2023 11:52	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.674	0.887	1	EPA 1633 Draft 2 Certifications:	03/13/2023 15:09	03/20/2023 11:52	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.345	0.838	1	EPA 1633 Draft 2 Certifications:	03/13/2023 15:09	03/20/2023 11:52	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.273	0.829	1	EPA 1633 Draft 2 Certifications:	03/13/2023 15:09	03/20/2023 11:52	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	0.193	0.838	1	EPA 1633 Draft 2 Certifications:	03/13/2023 15:09	03/20/2023 11:52	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.187	0.215	1	EPA 1633 Draft 2 Certifications:	03/13/2023 15:09	03/20/2023 11:52	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.137	0.213	1	EPA 1633 Draft 2 Certifications:	03/13/2023 15:09	03/20/2023 11:52	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.703	1.11	1	EPA 1633 Draft 2 Certifications:	03/13/2023 15:09	03/20/2023 11:52	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.33	5.54	1	EPA 1633 Draft 2 Certifications:	03/13/2023 15:09	03/20/2023 11:52	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.66	5.54	1	EPA 1633 Draft 2 Certifications:	03/13/2023 15:09	03/20/2023 11:52	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.677	2.22	1	EPA 1633 Draft 2 Certifications:	03/13/2023 15:09	03/20/2023 11:52	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.200	0.222	1	EPA 1633 Draft 2 Certifications:	03/13/2023 15:09	03/20/2023 11:52	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.773	2.22	1	EPA 1633 Draft 2 Certifications:	03/13/2023 15:09	03/20/2023 11:52	ESJ

Sample Information

Client Sample ID: **Soil Pile Composite** **York Sample ID:** **23C0521-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0521	27-09 40th Ave, LIC, NY 19-401	Soil	March 9, 2023 9:35 am	03/09/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.220	0.222	1	EPA 1633 Draft 2 Certifications:	03/13/2023 15:09	03/20/2023 11:52	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*28.1 %*	*25-150*
Surrogate: M5PFHxA	*27.1 %*	*25-150*
Surrogate: M4PFHpA	*21.0 %*	*25-150*
Surrogate: M3PFHxS	*23.0 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*20.2 %*	*25-150*
Surrogate: M6PFDA	*31.2 %*	*25-150*
Surrogate: M7PFUdA	*29.6 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*28.8 %*	*25-150*
Surrogate: M2PFTeDA	*26.5 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*69.0 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*25.4 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*49.2 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*22.0 %*	*10-150*
Surrogate: d3-N-MeFOSAA	*23.4 %*	*25-150*
Surrogate: d5-N-EtFOSAA	*24.5 %*	*25-150*
Surrogate: M2-6:2 FTS	*21.9 %*	*25-200*
Surrogate: M2-8:2 FTS	*22.6 %*	*25-200*
Surrogate: M9PFNA	*25.2 %*	*25-150*
Surrogate: M2-4:2 FTS	*19.2 %*	*25-150*
Surrogate: d-N-MeFOSA	*19.6 %*	*25-150*
Surrogate: d-N-EtFOSA	*23.3 %*	*25-150*
Surrogate: M3HFPO-DA	*30.3 %*	*25-150*
Surrogate: d9-N-EtFOSE	*30.2 %*	*25-150*
Surrogate: d7-N-MeFOSE	*28.2 %*	*25-150*

Sample Information

Client Sample ID: **Soil Pile Composite** **York Sample ID:** **23C0521-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0521	27-09 40th Ave, LIC, NY 19-401	Soil	March 9, 2023 9:35 am	03/09/2023

PEST, 8081 MASTER

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	0.00183	5	EPA 8081B Certifications:	03/10/2023 08:26 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/14/2023 04:06	BJ-
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	03/10/2023 08:26 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/14/2023 04:06	BJ-
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	03/10/2023 08:26 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/14/2023 04:06	BJ-
309-00-2	Aldrin	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	03/10/2023 08:26 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/14/2023 04:06	BJ-
319-84-6	alpha-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	03/10/2023 08:26 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/14/2023 04:06	BJ-
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	03/10/2023 08:26 NELAC-NY10854,NJDEP	03/14/2023 04:06	BJ-
319-85-7	beta-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	03/10/2023 08:26 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/14/2023 04:06	BJ-
319-86-8	delta-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	03/10/2023 08:26 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/14/2023 04:06	BJ-
60-57-1	Dieldrin	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	03/10/2023 08:26 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/14/2023 04:06	BJ-
959-98-8	Endosulfan I	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	03/10/2023 08:26 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/14/2023 04:06	BJ-
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	03/10/2023 08:26 CTDOH-PH-0723,NELAC-NY10854	03/14/2023 04:06	BJ-
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	03/10/2023 08:26 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/14/2023 04:06	BJ-
72-20-8	Endrin	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	03/10/2023 08:26 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/14/2023 04:06	BJ-
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	03/10/2023 08:26 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/14/2023 04:06	BJ-
76-44-8	Heptachlor	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	03/10/2023 08:26 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/14/2023 04:06	BJ-

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*80.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*63.6 %*	*30-150*

PCB, 8082 MASTER

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	0.0184	1	EPA 8082A Certifications:	03/10/2023 08:26 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	03/14/2023 03:38	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications:	03/10/2023 08:26 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	03/14/2023 03:38	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications:	03/10/2023 08:26 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	03/14/2023 03:38	BJ

Sample Information

Client Sample ID: Soil Pile Composite

York Sample ID: 23C0521-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0521	27-09 40th Ave, LIC, NY 19-401	Soil	March 9, 2023 9:35 am	03/09/2023

PCB, 8082 MASTER

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	0.0184	1	EPA 8082A Certifications:	03/10/2023 08:26 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	03/14/2023 03:38	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications:	03/10/2023 08:26 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	03/14/2023 03:38	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications:	03/10/2023 08:26 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	03/14/2023 03:38	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications:	03/10/2023 08:26 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	03/14/2023 03:38	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications:	03/10/2023 08:26	03/14/2023 03:38	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*71.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*64.5 %*	*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
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0223	1	EPA 8151A Certifications:	03/10/2023 08:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/13/2023 19:53	BJ-

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*57.8 %*	*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	ND		mg/kg dry	1.40	1	EPA 6010D Certifications:	03/13/2023 16:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/15/2023 17:54	CW
7440-39-3	**Barium**	**44.1**		mg/kg dry	2.33	1	EPA 6010D Certifications:	03/13/2023 16:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/15/2023 17:54	CW
7440-41-7	**Beryllium**	**0.711**		mg/kg dry	0.047	1	EPA 6010D Certifications:	03/13/2023 16:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/15/2023 17:54	CW
7440-43-9	**Cadmium**	**0.287**		mg/kg dry	0.280	1	EPA 6010D Certifications:	03/13/2023 16:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/15/2023 17:54	CW
7440-47-3	**Chromium**	**15.0**		mg/kg dry	0.468	1	EPA 6010D Certifications:	03/13/2023 16:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/15/2023 17:54	CW
7440-50-8	**Copper**	**69.8**		mg/kg dry	1.87	1	EPA 6010D Certifications:	03/13/2023 16:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/15/2023 17:54	CW
7439-92-1	**Lead**	**6.00**		mg/kg dry	0.468	1	EPA 6010D Certifications:	03/13/2023 16:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/15/2023 17:54	CW

Sample Information

Client Sample ID: **Soil Pile Composite** **York Sample ID:** **23C0521-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0521	27-09 40th Ave, LIC, NY 19-401	Soil	March 9, 2023 9:35 am	03/09/2023

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**	**319**		mg/kg dry	0.468	1	EPA 6010D	03/13/2023 16:08	03/15/2023 17:54	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**15.9**		mg/kg dry	0.931	1	EPA 6010D	03/13/2023 16:08	03/15/2023 17:54	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.34	1	EPA 6010D	03/13/2023 16:08	03/15/2023 17:54	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.471	1	EPA 6010D	03/13/2023 16:08	03/15/2023 17:54	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**164**	M-CCV 1	mg/kg dry	2.33	1	EPA 6010D	03/13/2023 16:08	03/15/2023 17:54	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0337	1	EPA 7473	03/13/2023 08:49	03/13/2023 12:53	BML
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

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	0.561	1	EPA 7196A	03/14/2023 15:08	03/14/2023 19:46	NJO
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

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**	**15.0**		mg/kg	0.500	1	Calculation	03/17/2023 07:06	03/17/2023 07:07	VR
							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	0.561	1	EPA 9014/9010C	03/10/2023 14:31	03/10/2023 19:22	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

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: **Soil Pile Composite** **York Sample ID:** **23C0521-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0521	27-09 40th Ave, LIC, NY 19-401	Soil	March 9, 2023 9:35 am	03/09/2023

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.1**		%	0.100	1	SM 2540G	03/16/2023 08:56	03/16/2023 14:19	sgs
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: **Soil Pile G1** **York Sample ID:** **23C0521-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0521	27-09 40th Ave, LIC, NY 19-401	Soil	March 9, 2023 9:15 am	03/09/2023

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
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/10/2023 09:00	03/10/2023 11:40	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/10/2023 09:00	03/10/2023 11:40	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/10/2023 09:00	03/10/2023 11:40	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/10/2023 09:00	03/10/2023 11:40	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/10/2023 09:00	03/10/2023 11:40	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/10/2023 09:00	03/10/2023 11:40	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/10/2023 09:00	03/10/2023 11:40	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/10/2023 09:00	03/10/2023 11:40	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/10/2023 09:00	03/10/2023 11:40	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.054	0.11	1	EPA 8260C	03/10/2023 09:00	03/10/2023 11:40	FTR
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/10/2023 09:00	03/10/2023 11:40	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
67-64-1	Acetone	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C	03/10/2023 09:00	03/10/2023 11:40	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/10/2023 09:00	03/10/2023 11:40	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/10/2023 09:00	03/10/2023 11:40	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			

Sample Information

Client Sample ID: Soil Pile G1 **York Sample ID:** 23C0521-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0521	27-09 40th Ave, LIC, NY 19-401	Soil	March 9, 2023 9:15 am	03/09/2023

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
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/10/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/10/2023 11:40	FTR
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/10/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/10/2023 11:40	FTR
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/10/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/10/2023 11:40	FTR
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/10/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/10/2023 11:40	FTR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/10/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/10/2023 11:40	FTR
75-09-2	Methylene chloride	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C Certifications:	03/10/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/10/2023 11:40	FTR
91-20-3	Naphthalene	ND		mg/kg dry	0.0027	0.011	1	EPA 8260C Certifications:	03/10/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/10/2023 11:40	FTR
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/10/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/10/2023 11:40	FTR
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/10/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/10/2023 11:40	FTR
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/10/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/10/2023 11:40	FTR
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C Certifications:	03/10/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/10/2023 11:40	FTR
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/10/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/10/2023 11:40	FTR
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/10/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/10/2023 11:40	FTR
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/10/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/10/2023 11:40	FTR
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/10/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/10/2023 11:40	FTR
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/10/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/10/2023 11:40	FTR
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/10/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/10/2023 11:40	FTR
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/10/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/10/2023 11:40	FTR
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0081	0.016	1	EPA 8260C Certifications:	03/10/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	03/10/2023 11:40	FTR

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*91.0 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*88.9 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: **Soil Pile G1** **York Sample ID:** **23C0521-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0521	27-09 40th Ave, LIC, NY 19-401	Soil	March 9, 2023 9:15 am	03/09/2023

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.8**		%	0.100	1	SM 2540G	03/17/2023 07:48	03/17/2023 14:24	sgs
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: **Soil Pile G2** **York Sample ID:** **23C0521-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0521	27-09 40th Ave, LIC, NY 19-401	Soil	March 9, 2023 9:20 am	03/09/2023

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
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/10/2023 09:00	03/10/2023 12:06	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/10/2023 09:00	03/10/2023 12:06	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/10/2023 09:00	03/10/2023 12:06	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/10/2023 09:00	03/10/2023 12:06	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/10/2023 09:00	03/10/2023 12:06	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/10/2023 09:00	03/10/2023 12:06	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/10/2023 09:00	03/10/2023 12:06	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/10/2023 09:00	03/10/2023 12:06	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/10/2023 09:00	03/10/2023 12:06	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.055	0.11	1	EPA 8260C	03/10/2023 09:00	03/10/2023 12:06	FTR
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/10/2023 09:00	03/10/2023 12:06	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
67-64-1	Acetone	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	03/10/2023 09:00	03/10/2023 12:06	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/10/2023 09:00	03/10/2023 12:06	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/10/2023 09:00	03/10/2023 12:06	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/10/2023 09:00	03/10/2023 12:06	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			

Sample Information

Client Sample ID: Soil Pile G2 **York Sample ID:** 23C0521-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0521	27-09 40th Ave, LIC, NY 19-401	Soil	March 9, 2023 9:20 am	03/09/2023

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
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/10/2023 09:00	03/10/2023 12:06	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/10/2023 09:00	03/10/2023 12:06	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/10/2023 09:00	03/10/2023 12:06	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/10/2023 09:00	03/10/2023 12:06	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-09-2	**Methylene chloride**	**0.029**		mg/kg dry	0.0055	0.011	1	EPA 8260C Certifications:	03/10/2023 09:00	03/10/2023 12:06	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
91-20-3	Naphthalene	ND		mg/kg dry	0.0027	0.011	1	EPA 8260C Certifications:	03/10/2023 09:00	03/10/2023 12:06	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/10/2023 09:00	03/10/2023 12:06	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/10/2023 09:00	03/10/2023 12:06	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/10/2023 09:00	03/10/2023 12:06	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C Certifications:	03/10/2023 09:00	03/10/2023 12:06	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/10/2023 09:00	03/10/2023 12:06	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/10/2023 09:00	03/10/2023 12:06	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/10/2023 09:00	03/10/2023 12:06	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/10/2023 09:00	03/10/2023 12:06	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/10/2023 09:00	03/10/2023 12:06	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/10/2023 09:00	03/10/2023 12:06	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/10/2023 09:00	03/10/2023 12:06	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0082	0.016	1	EPA 8260C Certifications:	03/10/2023 09:00	03/10/2023 12:06	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*91.3 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*89.8 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: **Soil Pile G2** **York Sample ID:** **23C0521-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0521	27-09 40th Ave, LIC, NY 19-401	Soil	March 9, 2023 9:20 am	03/09/2023

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.1**		%	0.100	1	SM 2540G	03/17/2023 07:48	03/17/2023 14:24	sgs
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: **Soil Pile G3** **York Sample ID:** **23C0521-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0521	27-09 40th Ave, LIC, NY 19-401	Soil	March 9, 2023 9:25 am	03/09/2023

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
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/10/2023 09:00	03/10/2023 12:33	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/10/2023 09:00	03/10/2023 12:33	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/10/2023 09:00	03/10/2023 12:33	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/10/2023 09:00	03/10/2023 12:33	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/10/2023 09:00	03/10/2023 12:33	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/10/2023 09:00	03/10/2023 12:33	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/10/2023 09:00	03/10/2023 12:33	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/10/2023 09:00	03/10/2023 12:33	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/10/2023 09:00	03/10/2023 12:33	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.056	0.11	1	EPA 8260C	03/10/2023 09:00	03/10/2023 12:33	FTR
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
78-93-3	2-Butanone	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/10/2023 09:00	03/10/2023 12:33	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
67-64-1	Acetone	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C	03/10/2023 09:00	03/10/2023 12:33	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
71-43-2	Benzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/10/2023 09:00	03/10/2023 12:33	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/10/2023 09:00	03/10/2023 12:33	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/10/2023 09:00	03/10/2023 12:33	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			

Sample Information

Client Sample ID: Soil Pile G3 **York Sample ID:** 23C0521-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0521	27-09 40th Ave, LIC, NY 19-401	Soil	March 9, 2023 9:25 am	03/09/2023

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
67-66-3	Chloroform	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/10/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/10/2023 12:33	FTR
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/10/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/10/2023 12:33	FTR
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/10/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/10/2023 12:33	FTR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/10/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/10/2023 12:33	FTR
75-09-2	Methylene chloride	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/10/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/10/2023 12:33	FTR
91-20-3	Naphthalene	ND		mg/kg dry	0.0028	0.011	1	EPA 8260C Certifications:	03/10/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/10/2023 12:33	FTR
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/10/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/10/2023 12:33	FTR
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/10/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/10/2023 12:33	FTR
95-47-6	o-Xylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/10/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/10/2023 12:33	FTR
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/10/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/10/2023 12:33	FTR
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/10/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/10/2023 12:33	FTR
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/10/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/10/2023 12:33	FTR
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/10/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/10/2023 12:33	FTR
108-88-3	Toluene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/10/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/10/2023 12:33	FTR
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/10/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/10/2023 12:33	FTR
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/10/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/10/2023 12:33	FTR
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/10/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/10/2023 12:33	FTR
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0084	0.017	1	EPA 8260C Certifications:	03/10/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	03/10/2023 12:33	FTR

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*91.0 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*87.7 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: Soil Pile G3 **York Sample ID:** 23C0521-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0521	27-09 40th Ave, LIC, NY 19-401	Soil	March 9, 2023 9:25 am	03/09/2023

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.3**		%	0.100	1	SM 2540G	03/17/2023 07:48	03/17/2023 14:24	sgs
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: Soil Pile G4 **York Sample ID:** 23C0521-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0521	27-09 40th Ave, LIC, NY 19-401	Soil	March 9, 2023 9:30 am	03/09/2023

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
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/10/2023 09:00	03/10/2023 12:59	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/10/2023 09:00	03/10/2023 12:59	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/10/2023 09:00	03/10/2023 12:59	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/10/2023 09:00	03/10/2023 12:59	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/10/2023 09:00	03/10/2023 12:59	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/10/2023 09:00	03/10/2023 12:59	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/10/2023 09:00	03/10/2023 12:59	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/10/2023 09:00	03/10/2023 12:59	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/10/2023 09:00	03/10/2023 12:59	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.056	0.11	1	EPA 8260C	03/10/2023 09:00	03/10/2023 12:59	FTR
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
78-93-3	2-Butanone	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/10/2023 09:00	03/10/2023 12:59	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
67-64-1	Acetone	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C	03/10/2023 09:00	03/10/2023 12:59	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
71-43-2	Benzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/10/2023 09:00	03/10/2023 12:59	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/10/2023 09:00	03/10/2023 12:59	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/10/2023 09:00	03/10/2023 12:59	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			

Sample Information

Client Sample ID: Soil Pile G4 **York Sample ID:** 23C0521-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0521	27-09 40th Ave, LIC, NY 19-401	Soil	March 9, 2023 9:30 am	03/09/2023

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
67-66-3	Chloroform	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/10/2023 09:00	03/10/2023 12:59	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/10/2023 09:00	03/10/2023 12:59	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/10/2023 09:00	03/10/2023 12:59	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/10/2023 09:00	03/10/2023 12:59	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-09-2	Methylene chloride	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/10/2023 09:00	03/10/2023 12:59	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
91-20-3	Naphthalene	ND		mg/kg dry	0.0028	0.011	1	EPA 8260C Certifications:	03/10/2023 09:00	03/10/2023 12:59	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/10/2023 09:00	03/10/2023 12:59	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/10/2023 09:00	03/10/2023 12:59	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-47-6	o-Xylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/10/2023 09:00	03/10/2023 12:59	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/10/2023 09:00	03/10/2023 12:59	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/10/2023 09:00	03/10/2023 12:59	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/10/2023 09:00	03/10/2023 12:59	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/10/2023 09:00	03/10/2023 12:59	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-88-3	Toluene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/10/2023 09:00	03/10/2023 12:59	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/10/2023 09:00	03/10/2023 12:59	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/10/2023 09:00	03/10/2023 12:59	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/10/2023 09:00	03/10/2023 12:59	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0084	0.017	1	EPA 8260C Certifications:	03/10/2023 09:00	03/10/2023 12:59	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*91.5 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*88.3 %*	*76-130*

Total Solids

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

Sample Information

Client Sample ID: **Soil Pile G4**

York Sample ID: **23C0521-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0521	27-09 40th Ave, LIC, NY 19-401	Soil	March 9, 2023 9:30 am	03/09/2023

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.9**		%	0.100	1	SM 2540G	03/17/2023 07:48	03/17/2023 14:24	sgs
							Certifications: CTDOH-PH-0723			

Analytical Batch Summary

Batch ID: BC30646 **Preparation Method:** EPA 5035A **Prepared By:** BMT

YORK Sample ID	Client Sample ID	Preparation Date
23C0521-02	Soil Pile G1	03/10/23
23C0521-03	Soil Pile G2	03/10/23
23C0521-04	Soil Pile G3	03/10/23
23C0521-05	Soil Pile G4	03/10/23
BC30646-BLK1	Blank	03/10/23
BC30646-BLK2	Blank	03/10/23
BC30646-BS1	LCS	03/10/23
BC30646-BSD1	LCS Dup	03/10/23

Batch ID: BC30667 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
23C0521-01	Soil Pile Composite	03/10/23
23C0521-01	Soil Pile Composite	03/10/23
BC30667-BLK1	Blank	03/10/23
BC30667-BLK2	Blank	03/10/23
BC30667-BS1	LCS	03/10/23
BC30667-BS2	LCS	03/10/23
BC30667-MS2	Matrix Spike	03/10/23
BC30667-MSD2	Matrix Spike Dup	03/10/23

Batch ID: BC30669 **Preparation Method:** EPA 3550C/8151A **Prepared By:** JES

YORK Sample ID	Client Sample ID	Preparation Date
23C0521-01	Soil Pile Composite	03/10/23
BC30669-BLK1	Blank	03/10/23
BC30669-BS1	LCS	03/10/23
BC30669-MS1	Matrix Spike	03/10/23
BC30669-MSD1	Matrix Spike Dup	03/10/23

Batch ID: BC30671 **Preparation Method:** EPA 3550C **Prepared By:** JES

YORK Sample ID	Client Sample ID	Preparation Date
23C0521-01	Soil Pile Composite	03/10/23
BC30671-BLK1	Blank	03/10/23
BC30671-BS1	LCS	03/10/23
BC30671-MS1	Matrix Spike	03/10/23
BC30671-MSD1	Matrix Spike Dup	03/10/23

Batch ID: BC30724 **Preparation Method:** Analysis Preparation Soil **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
23C0521-01	Soil Pile Composite	03/10/23

BC30724-BLK1	Blank	03/10/23
BC30724-DUP1	Duplicate	03/10/23
BC30724-MS1	Matrix Spike	03/10/23
BC30724-SRM1	Reference	03/10/23

Batch ID: BC30782 **Preparation Method:** EPA 7473 soil **Prepared By:** BML

YORK Sample ID	Client Sample ID	Preparation Date
23C0521-01	Soil Pile Composite	03/13/23
BC30782-BLK1	Blank	03/13/23
BC30782-DUP1	Duplicate	03/13/23
BC30782-MS1	Matrix Spike	03/13/23
BC30782-SRM1	Reference	03/13/23

Batch ID: BC30874 **Preparation Method:** EPA 1633 Prep **Prepared By:** WJH

YORK Sample ID	Client Sample ID	Preparation Date
23C0521-01	Soil Pile Composite	03/13/23
BC30874-BLK1	Blank	03/13/23
BC30874-BS1	LCS	03/13/23
BC30874-BS2	LCS	03/13/23
BC30874-DUP1	Duplicate	03/13/23

Batch ID: BC30878 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
23C0521-01	Soil Pile Composite	03/13/23
BC30878-BLK1	Blank	03/13/23
BC30878-DUP1	Duplicate	03/13/23
BC30878-MS1	Matrix Spike	03/13/23
BC30878-PS1	Post Spike	03/13/23
BC30878-SRM1	Reference	03/13/23

Batch ID: BC30968 **Preparation Method:** EPA SW846-3060 **Prepared By:** NJO

YORK Sample ID	Client Sample ID	Preparation Date
23C0521-01	Soil Pile Composite	03/14/23
BC30968-BLK1	Blank	03/14/23
BC30968-DUP1	Duplicate	03/14/23
BC30968-MS1	Matrix Spike	03/14/23
BC30968-MSD1	Matrix Spike Dup	03/14/23
BC30968-SRM1	Reference	03/14/23

Batch ID: BC31107 **Preparation Method:** % Solids Prep **Prepared By:** sgs

YORK Sample ID	Client Sample ID	Preparation Date
23C0521-01	Soil Pile Composite	03/16/23
BC31107-DUP1	Duplicate	03/16/23

Batch ID: BC31165 **Preparation Method:** Analysis Preparation **Prepared By:** VR

YORK Sample ID	Client Sample ID	Preparation Date
23C0521-01	Soil Pile Composite	03/17/23

Batch ID: BC31170 **Preparation Method:** % Solids Prep **Prepared By:** sgs

YORK Sample ID	Client Sample ID	Preparation Date
23C0521-02	Soil Pile G1	03/17/23
23C0521-03	Soil Pile G2	03/17/23
23C0521-04	Soil Pile G3	03/17/23
23C0521-05	Soil Pile G4	03/17/23
BC31170-DUP1	Duplicate	03/17/23

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 BC30646 - EPA 5035A											
Blank (BC30646-BLK1)									Prepared & Analyzed: 03/10/2023		
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	*51.2*		*ug/L*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*46.2*		*"*	*50.0*		*92.4*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*44.8*		*"*	*50.0*		*89.6*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30646 - EPA 5035A											
Blank (BC30646-BLK2)											Prepared & Analyzed: 03/10/2023
1,1,1-Trichloroethane	ND	0.50	mg/kg wet								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	10	"								
2-Butanone	ND	0.50	"								
Acetone	ND	1.0	"								
Benzene	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroform	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	ND	1.0	"								
Naphthalene	ND	1.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
sec-Butylbenzene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.4*		*ug/L*	*50.0*		*103*	*77-125*				
Surrogate: SURR: Toluene-d8	*46.2*		*"*	*50.0*		*92.5*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*44.7*		*"*	*50.0*		*89.4*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30646 - EPA 5035A											
LCS (BC30646-BS1)							Prepared & Analyzed: 03/10/2023				
1,1,1-Trichloroethane	56.4		ug/L	50.0		113	71-137				
1,1-Dichloroethane	52.3		"	50.0		105	75-130				
1,1-Dichloroethylene	53.8		"	50.0		108	64-137				
1,2,4-Trimethylbenzene	48.1		"	50.0		96.1	84-125				
1,2-Dichlorobenzene	48.6		"	50.0		97.2	85-122				
1,2-Dichloroethane	55.9		"	50.0		112	71-133				
1,3,5-Trimethylbenzene	47.2		"	50.0		94.3	82-126				
1,3-Dichlorobenzene	49.4		"	50.0		98.7	84-124				
1,4-Dichlorobenzene	48.7		"	50.0		97.4	84-124				
1,4-Dioxane	960		"	1050		91.4	10-228				
2-Butanone	43.9		"	50.0		87.8	58-147				
Acetone	29.3		"	50.0		58.6	36-155				
Benzene	57.4		"	50.0		115	77-127				
Carbon tetrachloride	55.9		"	50.0		112	66-143				
Chlorobenzene	52.8		"	50.0		106	86-120				
Chloroform	56.4		"	50.0		113	76-131				
cis-1,2-Dichloroethylene	53.2		"	50.0		106	74-132				
Ethyl Benzene	51.2		"	50.0		102	84-125				
Methyl tert-butyl ether (MTBE)	50.0		"	50.0		100	74-131				
Methylene chloride	51.4		"	50.0		103	57-141				
Naphthalene	45.8		"	50.0		91.6	86-141				
n-Butylbenzene	48.0		"	50.0		95.9	80-130				
n-Propylbenzene	48.5		"	50.0		97.0	74-136				
o-Xylene	51.1		"	50.0		102	83-123				
p- & m- Xylenes	105		"	100		105	82-128				
sec-Butylbenzene	48.9		"	50.0		97.8	83-125				
tert-Butylbenzene	48.3		"	50.0		96.6	80-127				
Tetrachloroethylene	44.9		"	50.0		89.9	80-129				
Toluene	50.5		"	50.0		101	85-121				
trans-1,2-Dichloroethylene	53.8		"	50.0		108	72-132				
Trichloroethylene	49.3		"	50.0		98.6	84-123				
Vinyl Chloride	61.4		"	50.0		123	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.1*		*"*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*46.5*		*"*	*50.0*		*93.0*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*45.6*		*"*	*50.0*		*91.3*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30646 - EPA 5035A											
LCS Dup (BC30646-BSD1)								Prepared & Analyzed: 03/10/2023			
1,1,1-Trichloroethane	56.7		ug/L	50.0		113	71-137		0.495	30	
1,1-Dichloroethane	52.8		"	50.0		106	75-130		0.914	30	
1,1-Dichloroethylene	54.0		"	50.0		108	64-137		0.353	30	
1,2,4-Trimethylbenzene	47.8		"	50.0		95.7	84-125		0.459	30	
1,2-Dichlorobenzene	48.9		"	50.0		97.8	85-122		0.595	30	
1,2-Dichloroethane	56.5		"	50.0		113	71-133		1.05	30	
1,3,5-Trimethylbenzene	46.8		"	50.0		93.5	82-126		0.852	30	
1,3-Dichlorobenzene	48.9		"	50.0		97.8	84-124		0.875	30	
1,4-Dichlorobenzene	48.3		"	50.0		96.6	84-124		0.824	30	
1,4-Dioxane	961		"	1050		91.5	10-228		0.119	30	
2-Butanone	48.5		"	50.0		97.0	58-147		9.92	30	
Acetone	30.0		"	50.0		59.9	36-155		2.19	30	
Benzene	57.8		"	50.0		116	77-127		0.746	30	
Carbon tetrachloride	56.1		"	50.0		112	66-143		0.411	30	
Chlorobenzene	52.9		"	50.0		106	86-120		0.151	30	
Chloroform	56.6		"	50.0		113	76-131		0.265	30	
cis-1,2-Dichloroethylene	53.6		"	50.0		107	74-132		0.805	30	
Ethyl Benzene	50.8		"	50.0		102	84-125		0.804	30	
Methyl tert-butyl ether (MTBE)	50.6		"	50.0		101	74-131		1.19	30	
Methylene chloride	51.4		"	50.0		103	57-141		0.156	30	
Naphthalene	46.0		"	50.0		92.0	86-141		0.501	30	
n-Butylbenzene	47.5		"	50.0		95.1	80-130		0.900	30	
n-Propylbenzene	48.3		"	50.0		96.6	74-136		0.434	30	
o-Xylene	50.8		"	50.0		102	83-123		0.510	30	
p- & m- Xylenes	105		"	100		105	82-128		0.238	30	
sec-Butylbenzene	48.5		"	50.0		96.9	83-125		0.924	30	
tert-Butylbenzene	48.1		"	50.0		96.2	80-127		0.477	30	
Tetrachloroethylene	44.8		"	50.0		89.7	80-129		0.201	30	
Toluene	50.2		"	50.0		100	85-121		0.676	30	
trans-1,2-Dichloroethylene	54.2		"	50.0		108	72-132		0.759	30	
Trichloroethylene	49.0		"	50.0		98.0	84-123		0.671	30	
Vinyl Chloride	63.0		"	50.0		126	52-130		2.54	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.0*		*"*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*46.1*		*"*	*50.0*		*92.3*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*45.5*		*"*	*50.0*		*90.9*	*76-130*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30671 - EPA 3550C											
Blank (BC30671-BLK1)											
2-Methylphenol	ND	0.0416	mg/kg wet								
3- & 4-Methylphenols	ND	0.0416	"								
Acenaphthene	ND	0.0416	"								
Acenaphthylene	ND	0.0416	"								
Anthracene	ND	0.0416	"								
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	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Surrogate: SURR: 2-Fluorophenol	*0.951*		"	*1.66*		*57.2*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.918*		"	*1.66*		*55.3*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.516*		"	*0.831*		*62.2*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.489*		"	*0.831*		*58.9*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.11*		"	*1.66*		*67.0*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.526*		"	*0.831*		*63.4*	*24-116*				

Prepared: 03/10/2023 Analyzed: 03/13/2023

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 BC30671 - EPA 3550C											
LCS (BC30671-BS1)								Prepared: 03/10/2023 Analyzed: 03/13/2023			
2-Methylphenol	0.448	0.0416	mg/kg wet	0.831		54.0	10-136				
3- & 4-Methylphenols	0.400	0.0416	"	0.831		48.1	29-103				
Acenaphthene	0.469	0.0416	"	0.831		56.5	30-121				
Acenaphthylene	0.440	0.0416	"	0.831		53.0	30-115				
Anthracene	0.501	0.0416	"	0.831		60.3	34-118				
Benzo(a)anthracene	0.472	0.0416	"	0.831		56.8	32-122				
Benzo(a)pyrene	0.459	0.0416	"	0.831		55.2	29-133				
Benzo(b)fluoranthene	0.484	0.0416	"	0.831		58.2	25-133				
Benzo(g,h,i)perylene	0.485	0.0416	"	0.831		58.4	10-143				
Benzo(k)fluoranthene	0.506	0.0416	"	0.831		60.9	25-128				
Chrysene	0.470	0.0416	"	0.831		56.6	32-123				
Dibenzo(a,h)anthracene	0.466	0.0416	"	0.831		56.1	10-136				
Dibenzofuran	0.476	0.0416	"	0.831		57.3	29-121				
Fluoranthene	0.454	0.0416	"	0.831		54.6	33-122				
Fluorene	0.464	0.0416	"	0.831		55.9	29-123				
Hexachlorobenzene	0.483	0.0416	"	0.831		58.2	21-124				
Indeno(1,2,3-cd)pyrene	0.466	0.0416	"	0.831		56.1	10-135				
Naphthalene	0.478	0.0416	"	0.831		57.5	23-124				
Pentachlorophenol	0.403	0.0416	"	0.831		48.6	10-139				
Phenanthrene	0.482	0.0416	"	0.831		58.0	33-123				
Phenol	0.485	0.0416	"	0.831		58.4	23-115				
Pyrene	0.455	0.0416	"	0.831		54.8	24-130				
Surrogate: SURR: 2-Fluorophenol	*0.899*		"	*1.66*		*54.1*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.864*		"	*1.66*		*52.0*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.477*		"	*0.831*		*57.4*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.454*		"	*0.831*		*54.6*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.09*		"	*1.66*		*65.7*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.478*		"	*0.831*		*57.6*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30671 - EPA 3550C											
Matrix Spike (BC30671-MS1)	*Source sample: 23C0431-04 (Matrix Spike)							Prepared: 03/10/2023 Analyzed: 03/13/2023			
2-Methylphenol	0.454	0.0858	mg/kg dry	0.858	ND	53.0	10-136				
3- & 4-Methylphenols	0.408	0.0858	"	0.858	ND	47.5	10-123				
Acenaphthene	0.477	0.0858	"	0.858	ND	55.7	10-146				
Acenaphthylene	0.436	0.0858	"	0.858	ND	50.9	10-134				
Anthracene	0.510	0.0858	"	0.858	ND	59.4	10-142				
Benzo(a)anthracene	0.504	0.0858	"	0.858	ND	58.8	10-158				
Benzo(a)pyrene	0.493	0.0858	"	0.858	ND	57.5	10-180				
Benzo(b)fluoranthene	0.519	0.0858	"	0.858	ND	60.6	10-200				
Benzo(g,h,i)perylene	0.509	0.0858	"	0.858	ND	59.4	10-138				
Benzo(k)fluoranthene	0.548	0.0858	"	0.858	ND	63.9	10-197				
Chrysene	0.515	0.0858	"	0.858	ND	60.1	10-156				
Dibenzo(a,h)anthracene	0.490	0.0858	"	0.858	ND	57.1	10-137				
Dibenzofuran	0.480	0.0858	"	0.858	ND	55.9	10-147				
Fluoranthene	0.494	0.0858	"	0.858	ND	57.6	10-160				
Fluorene	0.480	0.0858	"	0.858	ND	56.0	10-157				
Hexachlorobenzene	0.501	0.0858	"	0.858	ND	58.5	10-137				
Indeno(1,2,3-cd)pyrene	0.491	0.0858	"	0.858	ND	57.3	10-144				
Naphthalene	0.499	0.0858	"	0.858	ND	58.2	10-141				
Pentachlorophenol	0.349	0.0858	"	0.858	ND	40.7	10-153				
Phenanthrene	0.500	0.0858	"	0.858	ND	58.3	10-148				
Phenol	0.504	0.0858	"	0.858	ND	58.7	10-126				
Pyrene	0.484	0.0858	"	0.858	ND	56.5	10-165				
Surrogate: SURR: 2-Fluorophenol	*0.932*		"	*1.72*		*54.4*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.909*		"	*1.72*		*53.0*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.503*		"	*0.858*		*58.6*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.469*		"	*0.858*		*54.7*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.12*		"	*1.72*		*65.0*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.528*		"	*0.858*		*61.5*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30671 - EPA 3550C											
Matrix Spike Dup (BC30671-MSD1)	*Source sample: 23C0431-04 (Matrix Spike Dup)								Prepared: 03/10/2023 Analyzed: 03/13/2023		
2-Methylphenol	0.486	0.0858	mg/kg dry	0.858	ND	56.7	10-136		6.86	30	
3- & 4-Methylphenols	0.440	0.0858	"	0.858	ND	51.3	10-123		7.61	30	
Acenaphthene	0.503	0.0858	"	0.858	ND	58.6	10-146		5.18	30	
Acenaphthylene	0.464	0.0858	"	0.858	ND	54.2	10-134		6.25	30	
Anthracene	0.528	0.0858	"	0.858	ND	61.5	10-142		3.44	30	
Benzo(a)anthracene	0.497	0.0858	"	0.858	ND	58.0	10-158		1.37	30	
Benzo(a)pyrene	0.483	0.0858	"	0.858	ND	56.3	10-180		2.11	30	
Benzo(b)fluoranthene	0.515	0.0858	"	0.858	ND	60.0	10-200		0.929	30	
Benzo(g,h,i)perylene	0.506	0.0858	"	0.858	ND	59.0	10-138		0.541	30	
Benzo(k)fluoranthene	0.535	0.0858	"	0.858	ND	62.4	10-197		2.41	30	
Chrysene	0.509	0.0858	"	0.858	ND	59.4	10-156		1.21	30	
Dibenzo(a,h)anthracene	0.488	0.0858	"	0.858	ND	56.9	10-137		0.421	30	
Dibenzofuran	0.517	0.0858	"	0.858	ND	60.2	10-147		7.44	30	
Fluoranthene	0.497	0.0858	"	0.858	ND	57.9	10-160		0.554	30	
Fluorene	0.505	0.0858	"	0.858	ND	58.9	10-157		5.01	30	
Hexachlorobenzene	0.521	0.0858	"	0.858	ND	60.8	10-137		3.89	30	
Indeno(1,2,3-cd)pyrene	0.488	0.0858	"	0.858	ND	56.9	10-144		0.701	30	
Naphthalene	0.521	0.0858	"	0.858	ND	60.7	10-141		4.31	30	
Pentachlorophenol	0.340	0.0858	"	0.858	ND	39.7	10-153		2.59	30	
Phenanthrene	0.517	0.0858	"	0.858	ND	60.2	10-148		3.24	30	
Phenol	0.542	0.0858	"	0.858	ND	63.2	10-126		7.35	30	
Pyrene	0.487	0.0858	"	0.858	ND	56.8	10-165		0.565	30	
Surrogate: SURR: 2-Fluorophenol	*0.985*		"	*1.72*		*57.4*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.973*		"	*1.72*		*56.8*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.515*		"	*0.858*		*60.0*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.500*		"	*0.858*		*58.3*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.18*		"	*1.72*		*68.9*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.519*		"	*0.858*		*60.6*	*24-116*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30874 - EPA 1633 Prep											
Blank (BC30874-BLK1)											Prepared: 03/13/2023 Analyzed: 03/20/2023
Perfluorobutanesulfonic acid (PFBS)	ND	0.176	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.198	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.198	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.182	"								
Perfluorooctanoic acid (PFOA)	ND	0.198	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.185	"								
Perfluorononanoic acid (PFNA)	ND	0.198	"								
Perfluorodecanoic acid (PFDA)	ND	0.198	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.198	"								
Perfluorododecanoic acid (PFDoA)	ND	0.198	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.198	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.198	"								
N-MeFOSAA	ND	0.198	"								
N-EtFOSAA	ND	0.198	"								
Perfluoropentanoic acid (PFPeA)	ND	0.397	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.198	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.198	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.191	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	0.754	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	0.762	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.794	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.353	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.397	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.397	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.397	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.187	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	0.744	"								
HFPO-DA (Gen-X)	ND	0.794	"								
11CL-PF3OUdS	ND	0.750	"								
9CL-PF3ONS	ND	0.742	"								
ADONA	ND	0.750	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.192	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.190	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.992	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	4.96	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	4.96	"								
N-MeFOSE	ND	1.98	"								
N-MeFOSA	ND	0.198	"								
N-EtFOSE	ND	1.98	"								
N-EtFOSA	ND	0.198	"								
Surrogate: M3PFBS	*2.02*		"	*2.31*		*87.2*	*25-150*				
Surrogate: M5PFHxA	*2.21*		"	*2.48*		*89.0*	*25-150*				
Surrogate: M4PFHpA	*2.27*		"	*2.48*		*91.7*	*25-150*				
Surrogate: M3PFHxS	*2.13*		"	*2.35*		*90.5*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.23*		"	*2.48*		*89.8*	*25-150*				
Surrogate: M6PFDA	*1.04*		"	*1.24*		*84.3*	*25-150*				
Surrogate: M7PFUdA	*1.13*		"	*1.24*		*91.0*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30874 - EPA 1633 Prep											
Blank (BC30874-BLK1)								Prepared: 03/13/2023 Analyzed: 03/20/2023			
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.991*		*ug/kg wet*	*1.24*		*80.0*	*25-150*				
Surrogate: M2PFTeDA	*0.784*		*"*	*1.24*		*63.2*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*8.71*		*"*	*9.92*		*87.8*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*1.99*		*"*	*2.38*		*83.7*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.61*		*"*	*4.96*		*93.0*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.83*		*"*	*2.48*		*73.8*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.83*		*"*	*4.96*		*77.3*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.94*		*"*	*4.96*		*79.5*	*25-150*				
Surrogate: M2-6:2 FTS	*4.13*		*"*	*4.72*		*87.5*	*25-200*				
Surrogate: M2-8:2 FTS	*3.37*		*"*	*4.76*		*70.7*	*25-200*				
Surrogate: M9PFNA	*1.13*		*"*	*1.24*		*91.1*	*25-150*				
Surrogate: M2-4:2 FTS	*3.36*		*"*	*4.65*		*72.3*	*25-150*				
Surrogate: d-N-MeFOSA	*1.39*		*"*	*2.48*		*55.9*	*25-150*				
Surrogate: d-N-EtFOSA	*1.78*		*"*	*2.48*		*71.6*	*25-150*				
Surrogate: M3HFPO-DA	*8.63*		*"*	*9.92*		*87.0*	*25-150*				
Surrogate: d9-N-EtFOSE	*15.8*		*"*	*24.8*		*63.6*	*25-150*				
Surrogate: d7-N-MeFOSE	*16.9*		*"*	*24.8*		*68.2*	*25-150*				
LCS (BC30874-BS1)								Prepared: 03/13/2023 Analyzed: 03/20/2023			
Perfluorobutanesulfonic acid (PFBS)	3.25	0.176	ug/kg wet	3.52		92.4	50-150				
Perfluorohexanoic acid (PFHxA)	3.60	0.199	"	3.98		90.6	50-150				
Perfluoroheptanoic acid (PFHpA)	3.89	0.199	"	3.98		97.8	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.31	0.182	"	3.64		90.9	50-150				
Perfluorooctanoic acid (PFOA)	3.45	0.199	"	3.98		86.8	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.63	0.185	"	3.70		98.3	50-150				
Perfluorononanoic acid (PFNA)	3.02	0.199	"	3.98		76.0	50-150				
Perfluorodecanoic acid (PFDA)	3.25	0.199	"	3.98		81.7	50-150				
Perfluoroundecanoic acid (PFUnA)	3.81	0.199	"	3.98		95.9	50-150				
Perfluorododecanoic acid (PFDoA)	3.76	0.199	"	3.98		94.6	50-150				
Perfluorotridecanoic acid (PFTrDA)	4.32	0.199	"	3.98		109	50-150				
Perfluorotetradecanoic acid (PFTA)	3.90	0.199	"	3.98		98.1	50-150				
N-MeFOSAA	3.60	0.199	"	3.98		90.6	50-150				
N-EtFOSAA	3.51	0.199	"	3.98		88.4	50-150				
Perfluoropentanoic acid (PFPeA)	7.14	0.398	"	7.95		89.7	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	3.77	0.199	"	3.98		94.8	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.69	0.199	"	3.80		97.2	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3.17	0.192	"	3.84		82.7	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	14.0	0.755	"	15.1		92.9	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	13.6	0.763	"	15.3		89.1	50-150				
Perfluoro-n-butanoic acid (PFBA)	14.8	0.795	"	15.9		93.1	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	6.69	0.354	"	7.08		94.6	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	7.85	0.398	"	7.95		98.8	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	7.96	0.398	"	7.95		100	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	7.13	0.398	"	7.95		89.7	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.38	0.187	"	3.74		90.5	50-150				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30874 - EPA 1633 Prep											
LCS (BC30874-BS1)								Prepared: 03/13/2023 Analyzed: 03/20/2023			
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	14.2	0.746	ug/kg wet	14.9		95.3	50-150				
HFPO-DA (Gen-X)	8.48	0.795	"	7.95		107	50-150				
11CL-PF3OUdS	6.08	0.751	"	7.51		80.9	50-150				
9CL-PF3ONS	7.12	0.744	"	7.44		95.8	50-150				
ADONA	7.92	0.751	"	7.51		105	50-150				
Perfluorododecanesulfonic acid (PFDoS)	2.22	0.193	"	3.86		57.5	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	3.81	0.191	"	3.82		99.8	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	18.6	0.994	"	15.9		117	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	97.0	4.97	"	79.5		122	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	84.2	4.97	"	79.5		106	50-150				
N-MeFOSE	38.8	1.99	"	39.8		97.5	50-150				
N-MeFOSA	4.03	0.199	"	3.98		101	50-150				
N-EtFOSE	33.9	1.99	"	39.8		85.2	50-150				
N-EtFOSA	4.34	0.199	"	3.98		109	50-150				
Surrogate: M3PFBS	*1.92*		"	*2.32*		*82.7*	*25-150*				
Surrogate: M5PFHxA	*2.17*		"	*2.49*		*87.2*	*25-150*				
Surrogate: M4PFHpA	*2.03*		"	*2.49*		*81.7*	*25-150*				
Surrogate: M3PFHxS	*2.00*		"	*2.36*		*84.8*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.00*		"	*2.49*		*80.4*	*25-150*				
Surrogate: M6PFDA	*0.929*		"	*1.24*		*74.7*	*25-150*				
Surrogate: M7PFUdA	*0.880*		"	*1.24*		*70.8*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.818*		"	*1.24*		*65.8*	*25-150*				
Surrogate: M2PFTeDA	*0.651*		"	*1.24*		*52.4*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*8.55*		"	*9.94*		*86.0*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*1.98*		"	*2.38*		*83.0*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.42*		"	*4.97*		*89.0*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.72*		"	*2.49*		*69.2*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.74*		"	*4.97*		*75.1*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.86*		"	*4.97*		*77.6*	*25-150*				
Surrogate: M2-6:2 FTS	*3.92*		"	*4.73*		*82.9*	*25-200*				
Surrogate: M2-8:2 FTS	*3.45*		"	*4.77*		*72.3*	*25-200*				
Surrogate: M9PFNA	*1.17*		"	*1.24*		*94.5*	*25-150*				
Surrogate: M2-4:2 FTS	*3.50*		"	*4.66*		*75.1*	*25-150*				
Surrogate: d-N-MeFOSA	*1.29*		"	*2.49*		*51.9*	*25-150*				
Surrogate: d-N-EtFOSA	*1.62*		"	*2.49*		*65.2*	*25-150*				
Surrogate: M3HFPO-DA	*8.75*		"	*9.94*		*88.0*	*25-150*				
Surrogate: d9-N-EtFOSE	*13.0*		"	*24.9*		*52.4*	*25-150*				
Surrogate: d7-N-MeFOSE	*15.5*		"	*24.9*		*62.3*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30874 - EPA 1633 Prep											
LCS (BC30874-BS2)								Prepared: 03/13/2023 Analyzed: 03/20/2023			
Perfluorobutanesulfonic acid (PFBS)	0.702	0.177	ug/kg wet	0.707		99.3	50-150				
Perfluorohexanoic acid (PFHxA)	0.717	0.200	"	0.798		89.8	50-150				
Perfluoroheptanoic acid (PFHpA)	0.767	0.200	"	0.798		96.1	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.675	0.183	"	0.731		92.4	50-150				
Perfluorooctanoic acid (PFOA)	0.666	0.200	"	0.798		83.4	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.637	0.186	"	0.743		85.8	50-150				
Perfluorononanoic acid (PFNA)	0.688	0.200	"	0.798		86.1	50-150				
Perfluorodecanoic acid (PFDA)	0.632	0.200	"	0.798		79.2	50-150				
Perfluoroundecanoic acid (PFUnA)	0.702	0.200	"	0.798		87.9	50-150				
Perfluorododecanoic acid (PFDoA)	0.708	0.200	"	0.798		88.7	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.929	0.200	"	0.798		116	50-150				
Perfluorotetradecanoic acid (PFTA)	0.871	0.200	"	0.798		109	50-150				
N-MeFOSAA	0.775	0.200	"	0.798		97.1	50-150				
N-EtFOSAA	0.738	0.200	"	0.798		92.4	50-150				
Perfluoropentanoic acid (PFPeA)	1.45	0.399	"	1.60		90.8	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.699	0.200	"	0.798		87.5	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.715	0.200	"	0.762		93.8	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.587	0.193	"	0.770		76.1	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	2.71	0.758	"	3.03		89.3	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	3.04	0.766	"	3.07		99.0	50-150				
Perfluoro-n-butanoic acid (PFBA)	2.93	0.798	"	3.19		91.7	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1.33	0.355	"	1.42		93.5	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1.58	0.399	"	1.60		99.1	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	1.63	0.399	"	1.60		102	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	1.47	0.399	"	1.60		92.2	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.659	0.188	"	0.750		87.9	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	2.80	0.749	"	2.99		93.4	50-150				
HFPO-DA (Gen-X)	1.84	0.798	"	1.60		115	50-150				
11CL-PF3OUdS	1.19	0.754	"	1.51		79.0	50-150				
9CL-PF3ONS	1.47	0.747	"	1.49		98.8	50-150				
ADONA	1.58	0.754	"	1.51		105	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.468	0.194	"	0.774		60.5	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.759	0.192	"	0.766		99.0	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	3.87	0.998	"	3.19		121	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	18.9	4.99	"	16.0		118	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	16.9	4.99	"	16.0		106	50-150				
N-MeFOSE	8.15	2.00	"	7.98		102	50-150				
N-MeFOSA	0.842	0.200	"	0.798		106	50-150				
N-EtFOSE	7.70	2.00	"	7.98		96.4	50-150				
N-EtFOSA	1.27	0.200	"	0.798		159	50-150	High Bias			
Surrogate: M3PFBS	*1.77*		"	*2.33*		*76.0*	*25-150*				
Surrogate: M5PFHxA	*1.97*		"	*2.50*		*78.9*	*25-150*				
Surrogate: M4PFHpA	*1.87*		"	*2.50*		*75.1*	*25-150*				
Surrogate: M3PFHxS	*1.87*		"	*2.37*		*79.2*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*1.87*		"	*2.50*		*74.9*	*25-150*				
Surrogate: M6PFDA	*0.906*		"	*1.25*		*72.7*	*25-150*				
Surrogate: M7PFUdA	*0.873*		"	*1.25*		*69.9*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30874 - EPA 1633 Prep											
LCS (BC30874-BS2)											
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.907*		*ug/kg wet*	*1.25*		*72.7*	*25-150*				
Surrogate: M2PFTeDA	*0.653*		*"*	*1.25*		*52.4*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*8.09*		*"*	*9.98*		*81.1*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*1.78*		*"*	*2.39*		*74.3*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.01*		*"*	*4.99*		*80.3*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.58*		*"*	*2.50*		*63.4*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.10*		*"*	*4.99*		*62.1*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.23*		*"*	*4.99*		*64.7*	*25-150*				
Surrogate: M2-6:2 FTS	*3.53*		*"*	*4.75*		*74.3*	*25-200*				
Surrogate: M2-8:2 FTS	*2.98*		*"*	*4.79*		*62.1*	*25-200*				
Surrogate: M9PFNA	*0.901*		*"*	*1.25*		*72.2*	*25-150*				
Surrogate: M2-4:2 FTS	*3.22*		*"*	*4.68*		*68.8*	*25-150*				
Surrogate: d-N-MeFOSA	*1.26*		*"*	*2.50*		*50.6*	*25-150*				
Surrogate: d-N-EtFOSA	*1.35*		*"*	*2.50*		*54.0*	*25-150*				
Surrogate: M3HFPO-DA	*7.63*		*"*	*9.98*		*76.4*	*25-150*				
Surrogate: d9-N-EtFOSE	*13.3*		*"*	*25.0*		*53.4*	*25-150*				
Surrogate: d7-N-MeFOSE	*15.4*		*"*	*25.0*		*61.9*	*25-150*				
Duplicate (BC30874-DUP1)	*Source sample: 23C0645-02 (Duplicate)										
Perfluorobutanesulfonic acid (PFBS)	ND	0.220	ug/kg dry		ND					30	
Perfluorohexanoic acid (PFHxA)	ND	0.249	"		ND					30	
Perfluoroheptanoic acid (PFHpA)	ND	0.249	"		ND					30	
Perfluorohexanesulfonic acid (PFHxS)	ND	0.227	"		ND					30	
Perfluorooctanoic acid (PFOA)	ND	0.249	"		ND					30	
Perfluorooctanesulfonic acid (PFOS)	ND	0.231	"		ND					30	
Perfluorononanoic acid (PFNA)	ND	0.249	"		ND					30	
Perfluorodecanoic acid (PFDA)	ND	0.249	"		ND					30	
Perfluoroundecanoic acid (PFUnA)	ND	0.249	"		ND					30	
Perfluorododecanoic acid (PFDoA)	ND	0.249	"		ND					30	
Perfluorotridecanoic acid (PFTrDA)	ND	0.249	"		ND					30	
Perfluorotetradecanoic acid (PFTA)	ND	0.249	"		ND					30	
N-MeFOSAA	ND	0.249	"		ND					30	
N-EtFOSAA	ND	0.249	"		ND					30	
Perfluoropentanoic acid (PFPeA)	ND	0.497	"		ND					30	
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.249	"		ND					30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.249	"		ND					30	
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.240	"		ND					30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	0.944	"		ND					30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	0.954	"		ND					30	
Perfluoro-n-butanoic acid (PFBA)	ND	0.994	"		ND					30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.442	"		ND					30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.497	"		ND					30	
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.497	"		ND					30	
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.497	"		ND					30	
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.234	"		ND					30	

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30874 - EPA 1633 Prep											
Duplicate (BC30874-DUP1)	*Source sample: 23C0645-02 (Duplicate)								Prepared: 03/13/2023 Analyzed: 03/20/2023		
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	0.932	ug/kg dry		ND					30	
HFPO-DA (Gen-X)	ND	0.994	"		ND					30	
11CL-PF3OUdS	ND	0.939	"		ND					30	
9CL-PF3ONS	ND	0.929	"		ND					30	
ADONA	ND	0.939	"		ND					30	
Perfluorododecanesulfonic acid (PFDoS)	ND	0.241	"		ND					30	
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.239	"		ND					30	
3-Perfluoropropyl propanoic acid (FPrPA)	ND	1.24	"		ND					30	
3-Perfluoropentyl propanoic acid (FPePA)	ND	6.21	"		ND					30	
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	6.21	"		ND					30	
N-MeFOSE	ND	2.49	"		ND					30	
N-MeFOSA	ND	0.249	"		ND					30	
N-EtFOSE	ND	2.49	"		ND					30	
N-EtFOSA	ND	0.249	"		0.254					30	
Surrogate: M3PFBS	*2.40*		"	*2.90*		*82.9*	*25-150*				
Surrogate: M5PFHxA	*2.61*		"	*3.11*		*84.0*	*25-150*				
Surrogate: M4PFHpA	*2.39*		"	*3.11*		*77.0*	*25-150*				
Surrogate: M3PFHxS	*2.34*		"	*2.94*		*79.6*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.38*		"	*3.11*		*76.7*	*25-150*				
Surrogate: M6PFDA	*1.14*		"	*1.55*		*73.1*	*25-150*				
Surrogate: M7PFUdA	*1.09*		"	*1.55*		*70.4*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.02*		"	*1.55*		*65.8*	*25-150*				
Surrogate: M2PFTeDA	*0.950*		"	*1.55*		*61.2*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*10.3*		"	*12.4*		*82.5*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.29*		"	*2.98*		*76.9*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.24*		"	*6.21*		*84.3*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.97*		"	*3.11*		*63.4*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.94*		"	*6.21*		*63.5*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.21*		"	*6.21*		*67.8*	*25-150*				
Surrogate: M2-6:2 FTS	*4.08*		"	*5.91*		*69.1*	*25-200*				
Surrogate: M2-8:2 FTS	*3.77*		"	*5.96*		*63.2*	*25-200*				
Surrogate: M9PFNA	*1.23*		"	*1.55*		*79.1*	*25-150*				
Surrogate: M2-4:2 FTS	*4.03*		"	*5.83*		*69.1*	*25-150*				
Surrogate: d-N-MeFOSA	*1.45*		"	*3.11*		*46.5*	*25-150*				
Surrogate: d-N-EtFOSA	*1.82*		"	*3.11*		*58.5*	*25-150*				
Surrogate: M3HFPO-DA	*10.7*		"	*12.4*		*85.9*	*25-150*				
Surrogate: d9-N-EtFOSE	*19.5*		"	*31.1*		*62.8*	*25-150*				
Surrogate: d7-N-MeFOSE	*20.3*		"	*31.1*		*65.4*	*25-150*				

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 BC30667 - EPA 3550C											
Blank (BC30667-BLK1)											Prepared: 03/10/2023 Analyzed: 03/14/2023
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Surrogate: Decachlorobiphenyl	*0.0566*		*"*	*0.0664*		*85.2*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0522*		*"*	*0.0664*		*78.5*	*30-150*				
LCS (BC30667-BS1)											Prepared: 03/10/2023 Analyzed: 03/14/2023
4,4'-DDD	0.0154	0.00164	mg/kg wet	0.0332		46.5	40-140				
4,4'-DDE	0.0156	0.00164	"	0.0332		47.0	40-140				
4,4'-DDT	0.0147	0.00164	"	0.0166		88.2	40-140				
Aldrin	0.0152	0.00164	"	0.0332		45.7	40-140				
alpha-BHC	0.0158	0.00164	"	0.0332		47.7	40-140				
alpha-Chlordane	0.0165	0.00164	"	0.0332		49.8	40-140				
beta-BHC	0.0170	0.00164	"	0.0332		51.2	40-140				
delta-BHC	0.0148	0.00164	"	0.0332		44.5	40-140				
Dieldrin	0.0156	0.00164	"	0.0332		47.1	40-140				
Endosulfan I	0.0164	0.00164	"	0.0332		49.3	40-140				
Endosulfan II	0.0151	0.00164	"	0.0332		45.5	40-140				
Endosulfan sulfate	0.0149	0.00164	"	0.0332		44.9	40-140				
Endrin	0.0146	0.00164	"	0.0332		44.0	40-140				
gamma-BHC (Lindane)	0.0160	0.00164	"	0.0332		48.2	40-140				
Heptachlor	0.0154	0.00164	"	0.0332		46.2	40-140				
Surrogate: Decachlorobiphenyl	*0.0447*		*"*	*0.0664*		*67.3*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0353*		*"*	*0.0664*		*53.1*	*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 BC30667 - EPA 3550C											
Blank (BC30667-BLK2)								Prepared: 03/10/2023 Analyzed: 03/14/2023			
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0561*		"	*0.0664*		*84.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0488*		"	*0.0664*		*73.5*	*30-120*				
LCS (BC30667-BS2)								Prepared: 03/10/2023 Analyzed: 03/14/2023			
Aroclor 1016	0.183	0.0166	mg/kg wet	0.332		55.2	40-130				
Aroclor 1260	0.249	0.0166	"	0.332		74.9	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0528*		"	*0.0664*		*79.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0478*		"	*0.0664*		*72.0*	*30-120*				
Matrix Spike (BC30667-MS2)	*Source sample: 23C0536-01 (Matrix Spike)							Prepared: 03/10/2023 Analyzed: 03/14/2023			
Aroclor 1016	0.115	0.0174	mg/kg dry	0.347	ND	33.1	40-140	Low Bias			
Aroclor 1260	0.141	0.0174	"	0.347	ND	40.7	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0340*		"	*0.0694*		*49.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0285*		"	*0.0694*		*41.0*	*30-120*				
Matrix Spike Dup (BC30667-MSD2)	*Source sample: 23C0536-01 (Matrix Spike Dup)							Prepared: 03/10/2023 Analyzed: 03/14/2023			
Aroclor 1016	0.119	0.0174	mg/kg dry	0.347	ND	34.4	40-140	Low Bias	3.73	50	
Aroclor 1260	0.150	0.0174	"	0.347	ND	43.2	40-140		5.86	50	
Surrogate: Tetrachloro-m-xylene	*0.0382*		"	*0.0694*		*55.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0306*		"	*0.0694*		*44.0*	*30-120*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30669 - EPA 3550C/8151A											
Blank (BC30669-BLK1)								Prepared: 03/10/2023 Analyzed: 03/13/2023			
2,4,5-TP (Silvex)	ND	0.0199	mg/kg wet								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.344*		"	*0.415*		*82.8*	*21-150*				
LCS (BC30669-BS1)								Prepared: 03/10/2023 Analyzed: 03/13/2023			
2,4,5-TP (Silvex)	0.117	0.0199	mg/kg wet	0.133		88.1	10-120				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.374*		"	*0.415*		*90.0*	*21-150*				
Matrix Spike (BC30669-MS1)	*Source sample: 23C0541-01 (Matrix Spike)							Prepared: 03/10/2023 Analyzed: 03/13/2023			
2,4,5-TP (Silvex)	0.0860	0.0215	mg/kg dry	0.143	ND	60.0	10-120				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.335*		"	*0.448*		*74.8*	*21-150*				
Matrix Spike Dup (BC30669-MSD1)	*Source sample: 23C0541-01 (Matrix Spike Dup)							Prepared: 03/10/2023 Analyzed: 03/13/2023			
2,4,5-TP (Silvex)	0.101	0.0211	mg/kg dry	0.140	ND	71.9	10-120		16.1	35	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.367*		"	*0.439*		*83.6*	*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 BC30878 - EPA 3050B											
Blank (BC30878-BLK1)									Prepared: 03/13/2023 Analyzed: 03/15/2023		
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 (BC30878-DUP1)	*Source sample: 23C0576-04 (Duplicate)								Prepared: 03/13/2023 Analyzed: 03/15/2023		
Arsenic	2.22	1.31	mg/kg dry		2.14				3.41	35	
Barium	18.1	2.17	"		16.4				9.67	35	
Beryllium	0.258	0.044	"		0.274				6.20	35	
Cadmium	ND	0.261	"		ND					35	
Chromium	7.87	0.435	"		8.91				12.3	35	
Copper	10.6	1.74	"		7.62				33.0	35	
Lead	12.0	0.435	"		10.8				10.9	35	
Manganese	88.9	0.435	"		67.9				26.8	35	
Nickel	4.90	0.867	"		5.08				3.56	35	
Selenium	ND	2.17	"		ND					35	
Silver	ND	0.438	"		ND					35	
Zinc	26.7	2.17	"		19.8				30.0	35	
Matrix Spike (BC30878-MS1)	*Source sample: 23C0576-04 (Matrix Spike)								Prepared: 03/13/2023 Analyzed: 03/15/2023		
Arsenic	173	1.31	mg/kg dry	174	2.14	98.4	75-125				
Barium	197	2.17	"	174	16.4	104	75-125				
Beryllium	4.83	0.044	"	4.35	0.274	105	75-125				
Cadmium	4.23	0.261	"	4.35	ND	97.2	75-125				
Chromium	26.1	0.435	"	17.4	8.91	98.8	75-125				
Copper	31.7	1.74	"	21.8	7.62	111	75-125				
Lead	54.4	0.435	"	43.5	10.8	100	75-125				
Manganese	116	0.435	"	43.5	67.9	110	75-125				
Nickel	51.3	0.867	"	43.5	5.08	106	75-125				
Selenium	150	2.17	"	174	ND	86.3	75-125				
Silver	2.50	0.438	"	4.35	ND	57.4	75-125	Low Bias			
Zinc	64.8	2.17	"	43.5	19.8	103	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30878 - EPA 3050B											
Post Spike (BC30878-PS1)	*Source sample: 23C0576-04 (Post Spike)								Prepared: 03/13/2023 Analyzed: 03/15/2023		
Arsenic	2.31		ug/mL	2.00	0.025	114	75-125				
Barium	2.53		"	2.00	0.189	117	75-125				
Beryllium	0.062		"	0.0500	0.003	117	75-125				
Cadmium	0.056		"	0.0500	0.0003	112	75-125				
Chromium	0.327		"	0.200	0.102	112	75-125				
Copper	0.387		"	0.250	0.088	120	75-125				
Lead	0.696		"	0.500	0.124	115	75-125				
Manganese	1.38		"	0.500	0.780	120	75-125				
Nickel	0.663		"	0.500	0.058	121	75-125				
Selenium	1.98		"	2.00	-0.123	99.1	75-125				
Silver	0.005		"	0.0500	-0.023	10.3	75-125	Low Bias			
Zinc	0.793		"	0.500	0.227	113	75-125				
Reference (BC30878-SRM1)									Prepared: 03/13/2023 Analyzed: 03/15/2023		
Arsenic	96.1	1.25	mg/kg wet	87.4		110	70-130.4				
Barium	384	2.08	"	347		111	75.2-130.3				
Beryllium	107	0.042	"	103		104	74.8-132				
Cadmium	166	0.250	"	160		104	75-145.6				
Chromium	240	0.417	"	231		104	70.1-134.2				
Copper	155	1.67	"	144		107	75-126.4				
Lead	274	0.417	"	266		103	74.1-125.9				
Manganese	584	0.417	"	555		105	77.3-132.8				
Nickel	397	0.830	"	350		113	70-144				
Selenium	101	2.08	"	130		77.8	66.9-133.8				
Silver	54.8	0.420	"	57.1		95.9	70.2-129.8				
Zinc	164	2.08	"	160		102	70-130				

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 BC30782 - EPA 7473 soil											
Blank (BC30782-BLK1)								Prepared & Analyzed: 03/13/2023			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BC30782-DUP1)	*Source sample: 23C0521-01 (Soil Pile Composite)							Prepared & Analyzed: 03/13/2023			
Mercury	ND	0.0337	mg/kg dry		ND					35	
Matrix Spike (BC30782-MS1)	*Source sample: 23C0521-01 (Soil Pile Composite)							Prepared & Analyzed: 03/13/2023			
Mercury	0.565		mg/kg	0.500	0.000500	113	75-125				
Reference (BC30782-SRM1)								Prepared & Analyzed: 03/13/2023			
Mercury	20.520		mg/kg	27.2		75.4	59.9-140.1				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30724 - Analysis Preparation Soil											
Blank (BC30724-BLK1)								Prepared & Analyzed: 03/10/2023			
Cyanide, total	ND	0.500	mg/kg wet								
Duplicate (BC30724-DUP1)	*Source sample: 23C0541-01 (Duplicate)							Prepared & Analyzed: 03/10/2023			
Cyanide, total	ND	0.539	mg/kg dry		ND					15	
Matrix Spike (BC30724-MS1)	*Source sample: 23C0541-01 (Matrix Spike)							Prepared & Analyzed: 03/10/2023			
Cyanide, total	9.99	0.539	mg/kg dry	10.8	ND	92.7	79.6-107				
Reference (BC30724-SRM1)								Prepared & Analyzed: 03/10/2023			
Cyanide, total	112		ug/mL	131		85.6	44.4-156.5				
Batch BC30968 - EPA SW846-3060											
Blank (BC30968-BLK1)								Prepared & Analyzed: 03/14/2023			
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Duplicate (BC30968-DUP1)	*Source sample: 23C0638-01 (Duplicate)							Prepared & Analyzed: 03/14/2023			
Chromium, Hexavalent	ND	0.540	mg/kg dry		ND					35	
Matrix Spike (BC30968-MS1)	*Source sample: 23C0638-01 (Matrix Spike)							Prepared & Analyzed: 03/14/2023			
Chromium, Hexavalent	21.3	0.540	mg/kg dry	21.6	ND	98.6	75-125				
Matrix Spike Dup (BC30968-MSD1)	*Source sample: 23C0638-01 (Matrix Spike Dup)							Prepared & Analyzed: 03/14/2023			
Chromium, Hexavalent	25.2	0.540	mg/kg dry	21.6	ND	117	75-125		16.9	200	
Reference (BC30968-SRM1)								Prepared & Analyzed: 03/14/2023			
Chromium, Hexavalent	258		mg/L	227		114	42.3-157.7				

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 BC31107 - % Solids Prep											
Duplicate (BC31107-DUP1)	*Source sample: 23C0545-01 (Duplicate)								Prepared & Analyzed: 03/16/2023		
% Solids	83.7	0.100	%		84.2				0.584	20	
Batch BC31170 - % Solids Prep											
Duplicate (BC31170-DUP1)	*Source sample: 23C0560-30 (Duplicate)								Prepared & Analyzed: 03/17/2023		
% Solids	89.1	0.100	%		90.0				1.05	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
23C0521-02	Soil Pile G1	40mL Vial with Stir Bar-Cool 4° C
23C0521-03	Soil Pile G2	40mL Vial with Stir Bar-Cool 4° C
23C0521-04	Soil Pile G3	40mL Vial with Stir Bar-Cool 4° C
23C0521-05	Soil Pile G4	40mL Vial with Stir Bar-Cool 4° C

Sample and Data Qualifiers Relating to This Work Order

QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
M-CCV1	The recovery for this element in the Continuing Calibration Verification (CCV) exceeded 110% of the expected value. Positive detections may be biased high.
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York 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. 23C0521

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 West Hills Rd, Huntington Station, NY 11746	Address: Scott	Address: Kathy
Phone.: (631)-673-0612	Phone.:	Phone.:
Contact: Scott Yonick	Contact:	Contact:
E-mail: Labresults@laurelenv.com	E-mail:	E-mail:

YOUR Project Number: 19-401

YOUR Project Name: 27-09 40th Ave, LIC, NY

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- Standard (5-7 Day) (7-10 for PFAS) [X]

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

Samples Collected by: (print AND sign your name) Josh Yonick

Matrix Codes

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

Samples From

New York [X]
New Jersey
Connecticut
Pennsylvania
Other:

Report / EDD Type (circle selections)

Summary Report | CT RCP | EQuIS (Standard)
QA Report | CT RCP DQA/DUE | NYSDEC EQuIS
Standard Excel EDD | NJDEP Reduced Deliverables | NJDKQP
NY ASP B Package | NJDEP SRP HazSite
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.
Soil Pile Composite	S	3/9/23 9:35	Part 375, PFAS (no VOCs)	8 oz	
Soil Pile G1		9:15	Part 375 VOCs	Terracore Set	
Soil Pile G2		9:20			
Soil Pile G3		9:25			
Soil Pile G4		9:30			

Comments:

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

Preservation: (check all that apply)

HCl ___ MeOH X HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other: DI Water

Special Instruction

Field Filtered
Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
	12:00 3/9/23	KBunkyork	3/9/23 1210pm	KBunkyork	3/9/23
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
					3/9/23 16:40 / 1.4 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. 23C0521

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

Page 1 of 1

YOUR Information	Report To:	Invoice To:
Company: Laurel Environmental	Company:	Company:
Address: 53 West Hills Rd, Huntington Station, NY 11746	Address: Scott	Address: Kathy
Phone.: 631-673-0041	Phone.:	Phone.:
Contact: Scott Yonick	Contact:	Contact:
E-mail: Laurel1@optonline.net	E-mail:	E-mail:

YOUR Project Number: 14-401

YOUR Project Name: 21-09 York Ave, LIC, NY

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- Standard (5-7 Day) (7-10 for PFAS) — X

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

Josh Yonick

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 — X
New Jersey
Connecticut
Pennsylvania
Other:

Report / EDD Type (circle selections)

Summary Report — CT RCP — EQuIS (Standard)
QA Report — CT RCP DQA/DUE — NYSDEC EQuIS
Standard Excel EDD — NJDEP Reduced Deliverables — NJDKQP
NY ASP B Package — NJDEP SRP HazSite
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.
Soil Pile A (Composite)	S	3/9/23 9:35	Part 375, PFAS (no VOCs) →	8 oz	1
Soil Pile G1		9:15	Pt 375 VOCs	Terracore Set	
Soil Pile G2		9:20			
Soil Pile G3		9:25			
Soil Pile G4		9:30		250 ml PFAS	

Comments:

Picked up only 1 PFAS 250ml 3-10-23 KB

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

Preservation: (check all that apply)

HCl ___ MeOH X HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other: Di Water

Special Instruction

Field Filtered
Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
	12:00 3/9/23	KBurkyork	3/9/23 1210pm		3/10/23 11AM
Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
KBurkyork	3/10/23 11AM	KBurkyork	3/10/23 1700		
Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				KBurkyork	3/10/23 1700 / 2.1° Degrees C

APPENDIX F

Excavation Endpoint Sampling
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: 03/15/2023
Client Project ID: 27-09 40th Ave, LIC, NY 19-401.3
York Project (SDG) No.: 23C0335

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

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: 03/15/2023
Client Project ID: 27-09 40th Ave, LIC, NY 19-401.3
York Project (SDG) No.: 23C0335

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 March 07, 2023 and listed below. The project was identified as your project: **27-09 40th Ave, LIC, NY 19-401.3**.

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
23C0335-01	Q1-EP 1	Soil	03/06/2023	03/07/2023
23C0335-02	Q1-EP 2	Soil	03/06/2023	03/07/2023
23C0335-03	Q1-EP 3	Soil	03/06/2023	03/07/2023
23C0335-04	Q2-EP 1	Soil	03/06/2023	03/07/2023
23C0335-05	Q2-EP 2	Soil	03/06/2023	03/07/2023
23C0335-06	Q2-EP 3	Soil	03/06/2023	03/07/2023
23C0335-07	Q2-EP 4	Soil	03/06/2023	03/07/2023
23C0335-08	Q3-EP 1	Soil	03/06/2023	03/07/2023
23C0335-09	Q3-EP 2	Soil	03/06/2023	03/07/2023
23C0335-10	Q3-EP 3	Soil	03/06/2023	03/07/2023
23C0335-11	Q4-EP 1	Soil	03/06/2023	03/07/2023
23C0335-12	Q4-EP 2	Soil	03/06/2023	03/07/2023
23C0335-13	Q5-EP 1	Soil	03/06/2023	03/07/2023
23C0335-14	Q5-EP 2	Soil	03/06/2023	03/07/2023
23C0335-15	Q5-EP 3	Soil	03/06/2023	03/07/2023
23C0335-16	Q5-EP 4	Soil	03/06/2023	03/07/2023
23C0335-17	Q6-EP 1	Soil	03/06/2023	03/07/2023
23C0335-18	Q6-EP 2	Soil	03/06/2023	03/07/2023
23C0335-19	Q6-EP 3	Soil	03/06/2023	03/07/2023
23C0335-20	Dupe	Soil	03/06/2023	03/07/2023
23C0335-21	Trip Blank	Water	03/06/2023	03/07/2023

General Notes for York Project (SDG) No.: 23C0335

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

Approved By:  **Date:** 03/15/2023

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: Q1-EP 1 **York Sample ID:** 23C0335-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 11:20 am	03/07/2023

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
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/09/2023 07:02	03/09/2023 12:06	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/09/2023 07:02	03/09/2023 12:06	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/09/2023 07:02	03/09/2023 12:06	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/09/2023 07:02	03/09/2023 12:06	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/09/2023 07:02	03/09/2023 12:06	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/09/2023 07:02	03/09/2023 12:06	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/09/2023 07:02	03/09/2023 12:06	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/09/2023 07:02	03/09/2023 12:06	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/09/2023 07:02	03/09/2023 12:06	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.053	0.11	1	EPA 8260C Certifications:	03/09/2023 07:02	03/09/2023 12:06	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/09/2023 07:02	03/09/2023 12:06	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	**Acetone**	**0.019**	CCVE, ICVE	mg/kg dry	0.0053	0.011	1	EPA 8260C Certifications:	03/09/2023 07:02	03/09/2023 12:06	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/09/2023 07:02	03/09/2023 12:06	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/09/2023 07:02	03/09/2023 12:06	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/09/2023 07:02	03/09/2023 12:06	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/09/2023 07:02	03/09/2023 12:06	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/09/2023 07:02	03/09/2023 12:06	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/09/2023 07:02	03/09/2023 12:06	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/09/2023 07:02	03/09/2023 12:06	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-09-2	Methylene chloride	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C Certifications:	03/09/2023 07:02	03/09/2023 12:06	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
91-20-3	Naphthalene	ND		mg/kg dry	0.0027	0.011	1	EPA 8260C Certifications:	03/09/2023 07:02	03/09/2023 12:06	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/09/2023 07:02	03/09/2023 12:06	BMC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: Q1-EP 1 **York Sample ID:** 23C0335-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 11:20 am	03/07/2023

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
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:06	BMC
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/09/2023 12:06	BMC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/09/2023 12:06	BMC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:06	BMC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:06	BMC
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:06	BMC
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:06	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:06	BMC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:06	BMC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:06	BMC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0080	0.016	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	03/09/2023 12:06	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*115 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*107 %*	*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
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 11:08	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 11:08	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 11:08	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 11:08	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 11:08	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 11:08	KH

Sample Information

Client Sample ID: Q1-EP 1 **York Sample ID:** 23C0335-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 11:20 am	03/07/2023

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 11:08	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 11:08	KH
191-24-2	Benzo(g,h,i)perylene	ND	CCVE	mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 11:08	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 11:08	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 11:08	KH
53-70-3	Dibenzo(a,h)anthracene	ND	CCVE	mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 11:08	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 11:08	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 11:08	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33 NELAC-NY10854,NJDEP,PADEP	03/10/2023 11:08	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 11:08	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 11:08	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 11:08	KH
87-86-5	Pentachlorophenol	ND	CAL-E, CCVE	mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 11:08	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 11:08	KH
108-95-2	Phenol	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 11:08	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 11:08	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*65.8 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*62.6 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*74.2 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*69.4 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*83.7 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*86.6 %*	*24-116*

PEST, 8081 MASTER

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: **Q1-EP 1** **York Sample ID:** **23C0335-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 11:20 am	03/07/2023

PEST, 8081 MASTER

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	0.00182	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 23:09	BJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 23:09	BJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 23:09	BJ
309-00-2	Aldrin	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 23:09	BJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 23:09	BJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	03/08/2023 22:40 NELAC-NY10854,NJDEP	03/10/2023 23:09	BJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 23:09	BJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 23:09	BJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 23:09	BJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 23:09	BJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854	03/10/2023 23:09	BJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 23:09	BJ
72-20-8	Endrin	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 23:09	BJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 23:09	BJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 23:09	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*92.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*68.1 %*	*30-150*

PCB, 8082 MASTER

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	0.0183	1	EPA 8082A Certifications:	03/08/2023 22:40 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	03/10/2023 18:41	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications:	03/08/2023 22:40 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	03/10/2023 18:41	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications:	03/08/2023 22:40 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	03/10/2023 18:41	BJ

Sample Information

Client Sample ID: Q1-EP 1 **York Sample ID:** 23C0335-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 11:20 am	03/07/2023

PCB, 8082 MASTER

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	0.0183	1	EPA 8082A Certifications:	03/08/2023 22:40 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	03/10/2023 18:41	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications:	03/08/2023 22:40 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	03/10/2023 18:41	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications:	03/08/2023 22:40 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	03/10/2023 18:41	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications:	03/08/2023 22:40 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	03/10/2023 18:41	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications:	03/08/2023 22:40	03/10/2023 18:41	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*76.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*76.5 %*	*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
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0222	1	EPA 8151A Certifications:	03/08/2023 08:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/09/2023 17:46	BJ-

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*61.8 %*	*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	ND		mg/kg dry	1.40	1	EPA 6010D Certifications:	03/10/2023 13:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/12/2023 17:13	CW
7440-39-3	**Barium**	**38.8**		mg/kg dry	2.33	1	EPA 6010D Certifications:	03/10/2023 13:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/12/2023 17:13	CW
7440-41-7	**Beryllium**	**0.254**		mg/kg dry	0.047	1	EPA 6010D Certifications:	03/10/2023 13:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/12/2023 17:13	CW
7440-43-9	Cadmium	ND		mg/kg dry	0.280	1	EPA 6010D Certifications:	03/10/2023 13:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/12/2023 17:13	CW
7440-47-3	**Chromium**	**15.2**		mg/kg dry	0.467	1	EPA 6010D Certifications:	03/10/2023 13:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/12/2023 17:13	CW
7440-50-8	**Copper**	**16.7**		mg/kg dry	1.87	1	EPA 6010D Certifications:	03/10/2023 13:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/12/2023 17:13	CW
7439-92-1	**Lead**	**5.74**		mg/kg dry	0.467	1	EPA 6010D Certifications:	03/10/2023 13:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/12/2023 17:13	CW

Sample Information

Client Sample ID: Q1-EP 1 **York Sample ID:** 23C0335-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 11:20 am	03/07/2023

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**	**300**		mg/kg dry	0.467	1	EPA 6010D	03/10/2023 13:54	03/12/2023 17:13	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**13.6**		mg/kg dry	0.929	1	EPA 6010D	03/10/2023 13:54	03/12/2023 17:13	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.33	1	EPA 6010D	03/10/2023 13:54	03/12/2023 17:13	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.470	1	EPA 6010D	03/10/2023 13:54	03/12/2023 17:13	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**33.7**		mg/kg dry	2.32	1	EPA 6010D	03/10/2023 13:54	03/12/2023 17:13	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0336	1	EPA 7473	03/10/2023 09:40	03/10/2023 13:27	BML
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

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	0.560	1	EPA 7196A	03/08/2023 14:47	03/08/2023 19:53	SMK
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

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**	**15.2**		mg/kg	0.500	1	Calculation	03/15/2023 10:35	03/15/2023 11:10	VR
							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	0.560	1	EPA 9014/9010C	03/08/2023 14:34	03/08/2023 19:26	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

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: Q1-EP 1 **York Sample ID:** 23C0335-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 11:20 am	03/07/2023

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.3**		%	0.100	1	SM 2540G	03/09/2023 10:36	03/09/2023 15:32	sgs
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: Q1-EP 2 **York Sample ID:** 23C0335-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 11:30 am	03/07/2023

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
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	03/09/2023 07:02	03/09/2023 12:31	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	03/09/2023 07:02	03/09/2023 12:31	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	03/09/2023 07:02	03/09/2023 12:31	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	03/09/2023 07:02	03/09/2023 12:31	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	03/09/2023 07:02	03/09/2023 12:31	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	03/09/2023 07:02	03/09/2023 12:31	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	03/09/2023 07:02	03/09/2023 12:31	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	03/09/2023 07:02	03/09/2023 12:31	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	03/09/2023 07:02	03/09/2023 12:31	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.057	0.11	1	EPA 8260C	03/09/2023 07:02	03/09/2023 12:31	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
78-93-3	2-Butanone	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	03/09/2023 07:02	03/09/2023 12:31	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
67-64-1	**Acetone**	**0.039**	CCVE, ICVE	mg/kg dry	0.0057	0.011	1	EPA 8260C	03/09/2023 07:02	03/09/2023 12:31	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA			
71-43-2	Benzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	03/09/2023 07:02	03/09/2023 12:31	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	03/09/2023 07:02	03/09/2023 12:31	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			

Sample Information

Client Sample ID: Q1-EP 2 **York Sample ID:** 23C0335-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 11:30 am	03/07/2023

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
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:31	BMC
67-66-3	Chloroform	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:31	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:31	BMC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:31	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:31	BMC
75-09-2	Methylene chloride	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:31	BMC
91-20-3	Naphthalene	ND		mg/kg dry	0.0028	0.011	1	EPA 8260C Certifications:	03/09/2023 07:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/09/2023 12:31	BMC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:31	BMC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:31	BMC
95-47-6	o-Xylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/09/2023 12:31	BMC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/09/2023 12:31	BMC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:31	BMC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:31	BMC
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:31	BMC
108-88-3	Toluene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:31	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:31	BMC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:31	BMC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:31	BMC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0085	0.017	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	03/09/2023 12:31	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*114 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*107 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: Q1-EP 2 **York Sample ID:** 23C0335-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 11:30 am	03/07/2023

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	Benzo(g,h,i)perylene	ND	CCVE	mg/kg dry	0.0472	0.0942	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	Dibenzo(a,h)anthracene	ND	CCVE	mg/kg dry	0.0472	0.0942	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:40 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
87-86-5	Pentachlorophenol	ND	CAL-E, CCVE	mg/kg dry	0.0472	0.0942	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
108-95-2	Phenol	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*66.3 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*59.4 %*	*23-114*

Sample Information

Client Sample ID: Q1-EP 2 **York Sample ID:** 23C0335-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 11:30 am	03/07/2023

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
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*62.9 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*62.1 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*74.4 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*93.0 %*			*24-116*						

PEST, 8081 MASTER

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	0.00183	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 23:28	BJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 23:28	BJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 23:28	BJ
309-00-2	Aldrin	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 23:28	BJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 23:28	BJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	03/08/2023 22:40 NELAC-NY10854,NJDEP	03/10/2023 23:28	BJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 23:28	BJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 23:28	BJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 23:28	BJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 23:28	BJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854	03/10/2023 23:28	BJ
1031-07-8	Endosulfan sulfate	ND	P	mg/kg dry	0.00183	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 23:28	BJ
72-20-8	Endrin	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 23:28	BJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 23:28	BJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 23:28	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*87.2 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*69.1 %*	*30-150*

Sample Information

Client Sample ID: Q1-EP 2 **York Sample ID:** 23C0335-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 11:30 am	03/07/2023

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0185	1	EPA 8082A	03/08/2023 22:40	03/10/2023 18:55	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0185	1	EPA 8082A	03/08/2023 22:40	03/10/2023 18:55	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0185	1	EPA 8082A	03/08/2023 22:40	03/10/2023 18:55	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0185	1	EPA 8082A	03/08/2023 22:40	03/10/2023 18:55	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0185	1	EPA 8082A	03/08/2023 22:40	03/10/2023 18:55	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0185	1	EPA 8082A	03/08/2023 22:40	03/10/2023 18:55	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0185	1	EPA 8082A	03/08/2023 22:40	03/10/2023 18:55	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0185	1	EPA 8082A	03/08/2023 22:40	03/10/2023 18:55	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*80.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*71.5 %*	*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
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0224	1	EPA 8151A	03/08/2023 08:54	03/09/2023 17:57	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*69.2 %*	*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	ND		mg/kg dry	1.43	1	EPA 6010D	03/10/2023 13:54	03/12/2023 17:15	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**47.2**		mg/kg dry	2.38	1	EPA 6010D	03/10/2023 13:54	03/12/2023 17:15	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**0.219**		mg/kg dry	0.048	1	EPA 6010D	03/10/2023 13:54	03/12/2023 17:15	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.286	1	EPA 6010D	03/10/2023 13:54	03/12/2023 17:15	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: Q1-EP 2 **York Sample ID:** 23C0335-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 11:30 am	03/07/2023

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**	**14.8**		mg/kg dry	0.477	1	EPA 6010D	03/10/2023 13:54	03/12/2023 17:15	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**21.9**		mg/kg dry	1.91	1	EPA 6010D	03/10/2023 13:54	03/12/2023 17:15	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**5.95**		mg/kg dry	0.477	1	EPA 6010D	03/10/2023 13:54	03/12/2023 17:15	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**278**		mg/kg dry	0.477	1	EPA 6010D	03/10/2023 13:54	03/12/2023 17:15	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**15.7**		mg/kg dry	0.950	1	EPA 6010D	03/10/2023 13:54	03/12/2023 17:15	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.38	1	EPA 6010D	03/10/2023 13:54	03/12/2023 17:15	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.481	1	EPA 6010D	03/10/2023 13:54	03/12/2023 17:15	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**37.4**		mg/kg dry	2.38	1	EPA 6010D	03/10/2023 13:54	03/12/2023 17:15	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0343	1	EPA 7473	03/10/2023 09:40	03/10/2023 13:34	BML
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

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	0.572	1	EPA 7196A	03/08/2023 14:47	03/08/2023 19:53	SMK
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

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**	**14.8**		mg/kg	0.500	1	Calculation	03/15/2023 10:35	03/15/2023 11:10	VR
							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	0.572	1	EPA 9014/9010C	03/08/2023 14:34	03/08/2023 19:26	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Sample Information

Client Sample ID: Q1-EP 2 **York Sample ID:** 23C0335-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 11:30 am	03/07/2023

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**	**87.4**		%	0.100	1	SM 2540G	03/09/2023 10:36	03/09/2023 15:32	sgs
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: Q1-EP 3 **York Sample ID:** 23C0335-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 11:35 am	03/07/2023

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
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	03/09/2023 07:02	03/09/2023 12:57	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	03/09/2023 07:02	03/09/2023 12:57	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	03/09/2023 07:02	03/09/2023 12:57	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	03/09/2023 07:02	03/09/2023 12:57	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	03/09/2023 07:02	03/09/2023 12:57	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	03/09/2023 07:02	03/09/2023 12:57	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	03/09/2023 07:02	03/09/2023 12:57	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	03/09/2023 07:02	03/09/2023 12:57	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	03/09/2023 07:02	03/09/2023 12:57	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.058	0.12	1	EPA 8260C	03/09/2023 07:02	03/09/2023 12:57	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
78-93-3	2-Butanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	03/09/2023 07:02	03/09/2023 12:57	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
67-64-1	**Acetone**	**0.031**	CCVE, ICVE	mg/kg dry	0.0058	0.012	1	EPA 8260C	03/09/2023 07:02	03/09/2023 12:57	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA			
71-43-2	Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	03/09/2023 07:02	03/09/2023 12:57	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	03/09/2023 07:02	03/09/2023 12:57	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			

Sample Information

Client Sample ID: Q1-EP 3 **York Sample ID:** 23C0335-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 11:35 am	03/07/2023

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
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:57	BMC
67-66-3	Chloroform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:57	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:57	BMC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:57	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:57	BMC
75-09-2	Methylene chloride	ND		mg/kg dry	0.0058	0.012	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:57	BMC
91-20-3	Naphthalene	ND		mg/kg dry	0.0029	0.012	1	EPA 8260C Certifications:	03/09/2023 07:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/09/2023 12:57	BMC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:57	BMC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:57	BMC
95-47-6	o-Xylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/09/2023 12:57	BMC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0058	0.012	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/09/2023 12:57	BMC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:57	BMC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:57	BMC
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:57	BMC
108-88-3	Toluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:57	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:57	BMC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:57	BMC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 12:57	BMC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0087	0.017	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	03/09/2023 12:57	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*114 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*107 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: Q1-EP 3 **York Sample ID:** 23C0335-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 11:35 am	03/07/2023

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	Benzo(g,h,i)perylene	ND	CCVE	mg/kg dry	0.0460	0.0917	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	Dibenzo(a,h)anthracene	ND	CCVE	mg/kg dry	0.0460	0.0917	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:11 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
87-86-5	Pentachlorophenol	ND	CAL-E, CCVE	mg/kg dry	0.0460	0.0917	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
108-95-2	Phenol	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*63.4 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*64.7 %*	*23-114*

Sample Information

Client Sample ID: Q1-EP 3 **York Sample ID:** 23C0335-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 11:35 am	03/07/2023

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
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*70.6 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*65.8 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*70.9 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*79.4 %*			*24-116*						

PEST, 8081 MASTER

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	0.00178	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 23:46	BJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 23:46	BJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 23:46	BJ
309-00-2	Aldrin	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 23:46	BJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 23:46	BJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	03/08/2023 22:40 NELAC-NY10854,NJDEP	03/10/2023 23:46	BJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 23:46	BJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 23:46	BJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 23:46	BJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 23:46	BJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854	03/10/2023 23:46	BJ
1031-07-8	Endosulfan sulfate	ND	P	mg/kg dry	0.00178	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 23:46	BJ
72-20-8	Endrin	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 23:46	BJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 23:46	BJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 23:46	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*100 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*77.7 %*	*30-150*

Sample Information

Client Sample ID: Q1-EP 3 **York Sample ID:** 23C0335-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 11:35 am	03/07/2023

PCB, 8082 MASTER

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	0.0180	1	EPA 8082A Certifications:	03/08/2023 22:40 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	03/10/2023 19:08	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications:	03/08/2023 22:40 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	03/10/2023 19:08	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications:	03/08/2023 22:40 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	03/10/2023 19:08	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications:	03/08/2023 22:40 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	03/10/2023 19:08	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications:	03/08/2023 22:40 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	03/10/2023 19:08	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications:	03/08/2023 22:40 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	03/10/2023 19:08	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications:	03/08/2023 22:40 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	03/10/2023 19:08	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications:	03/08/2023 22:40	03/10/2023 19:08	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*83.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*78.0 %*	*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		mg/kg dry	0.0218	1	EPA 8151A Certifications:	03/08/2023 08:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/09/2023 18:08	BJ-

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*67.2 %*	*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	ND		mg/kg dry	1.39	1	EPA 6010D Certifications:	03/10/2023 13:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/12/2023 17:18	CW
7440-39-3	**Barium**	**27.5**		mg/kg dry	2.31	1	EPA 6010D Certifications:	03/10/2023 13:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/12/2023 17:18	CW
7440-41-7	**Beryllium**	**0.174**		mg/kg dry	0.047	1	EPA 6010D Certifications:	03/10/2023 13:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/12/2023 17:18	CW
7440-43-9	Cadmium	ND		mg/kg dry	0.278	1	EPA 6010D Certifications:	03/10/2023 13:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/12/2023 17:18	CW

Sample Information

Client Sample ID: Q1-EP 3 **York Sample ID:** 23C0335-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 11:35 am	03/07/2023

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**	**10.2**		mg/kg dry	0.463	1	EPA 6010D	03/10/2023 13:54	03/12/2023 17:18	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**13.3**		mg/kg dry	1.85	1	EPA 6010D	03/10/2023 13:54	03/12/2023 17:18	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**4.19**		mg/kg dry	0.463	1	EPA 6010D	03/10/2023 13:54	03/12/2023 17:18	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**242**		mg/kg dry	0.463	1	EPA 6010D	03/10/2023 13:54	03/12/2023 17:18	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**12.0**		mg/kg dry	0.922	1	EPA 6010D	03/10/2023 13:54	03/12/2023 17:18	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**2.50**	M-CCV 1	mg/kg dry	2.31	1	EPA 6010D	03/10/2023 13:54	03/12/2023 17:18	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.466	1	EPA 6010D	03/10/2023 13:54	03/12/2023 17:18	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**26.2**		mg/kg dry	2.30	1	EPA 6010D	03/10/2023 13:54	03/12/2023 17:18	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0333	1	EPA 7473	03/10/2023 09:40	03/10/2023 13:44	BML
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

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	0.555	1	EPA 7196A	03/08/2023 14:47	03/08/2023 19:53	SMK
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

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**	**10.2**		mg/kg	0.500	1	Calculation	03/15/2023 10:35	03/15/2023 11:10	VR
							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	0.555	1	EPA 9014/9010C	03/08/2023 14:34	03/08/2023 19:26	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Sample Information

Client Sample ID: Q1-EP 3 **York Sample ID:** 23C0335-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 11:35 am	03/07/2023

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**	**90.0**		%	0.100	1	SM 2540G	03/09/2023 10:36	03/09/2023 15:32	sgs
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: Q2-EP 1 **York Sample ID:** 23C0335-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 9:00 am	03/07/2023

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
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/09/2023 07:02	03/09/2023 13:23	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/09/2023 07:02	03/09/2023 13:23	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/09/2023 07:02	03/09/2023 13:23	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/09/2023 07:02	03/09/2023 13:23	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/09/2023 07:02	03/09/2023 13:23	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/09/2023 07:02	03/09/2023 13:23	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/09/2023 07:02	03/09/2023 13:23	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/09/2023 07:02	03/09/2023 13:23	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/09/2023 07:02	03/09/2023 13:23	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.055	0.11	1	EPA 8260C	03/09/2023 07:02	03/09/2023 13:23	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/09/2023 07:02	03/09/2023 13:23	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
67-64-1	**Acetone**	**0.041**	CCVE, ICVE	mg/kg dry	0.0055	0.011	1	EPA 8260C	03/09/2023 07:02	03/09/2023 13:23	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA			
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/09/2023 07:02	03/09/2023 13:23	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/09/2023 07:02	03/09/2023 13:23	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			

Sample Information

Client Sample ID: Q2-EP 1 **York Sample ID:** 23C0335-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 9:00 am	03/07/2023

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
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 13:23	BMC
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 13:23	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 13:23	BMC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 13:23	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 13:23	BMC
75-09-2	Methylene chloride	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 13:23	BMC
91-20-3	Naphthalene	ND		mg/kg dry	0.0027	0.011	1	EPA 8260C Certifications:	03/09/2023 07:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/09/2023 13:23	BMC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 13:23	BMC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 13:23	BMC
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/09/2023 13:23	BMC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/09/2023 13:23	BMC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 13:23	BMC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 13:23	BMC
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 13:23	BMC
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 13:23	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 13:23	BMC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 13:23	BMC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 13:23	BMC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0082	0.016	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	03/09/2023 13:23	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*118 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*109 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: Q2-EP 1 **York Sample ID:** 23C0335-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 9:00 am	03/07/2023

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	Benzo(g,h,i)perylene	ND	CCVE	mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	Dibenzo(a,h)anthracene	ND	CCVE	mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
87-86-5	Pentachlorophenol	ND	CAL-E, CCVE	mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
108-95-2	Phenol	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*67.8 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*65.3 %*	*23-114*

Sample Information

Client Sample ID: Q2-EP 1 **York Sample ID:** 23C0335-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 9:00 am	03/07/2023

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
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*74.4 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*70.7 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*82.2 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*90.3 %*			*24-116*						

PEST, 8081 MASTER

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:04	BJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:04	BJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:04	BJ
309-00-2	Aldrin	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:04	BJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:04	BJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	03/08/2023 22:40 NELAC-NY10854,NJDEP	03/11/2023 00:04	BJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:04	BJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:04	BJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:04	BJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:04	BJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854	03/11/2023 00:04	BJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:04	BJ
72-20-8	Endrin	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:04	BJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:04	BJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:04	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*91.3 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*71.4 %*	*30-150*

Sample Information

Client Sample ID: Q2-EP 1 **York Sample ID:** 23C0335-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 9:00 am	03/07/2023

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0182	1	EPA 8082A	03/08/2023 22:40	03/10/2023 19:22	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0182	1	EPA 8082A	03/08/2023 22:40	03/10/2023 19:22	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0182	1	EPA 8082A	03/08/2023 22:40	03/10/2023 19:22	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0182	1	EPA 8082A	03/08/2023 22:40	03/10/2023 19:22	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0182	1	EPA 8082A	03/08/2023 22:40	03/10/2023 19:22	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0182	1	EPA 8082A	03/08/2023 22:40	03/10/2023 19:22	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0182	1	EPA 8082A	03/08/2023 22:40	03/10/2023 19:22	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0182	1	EPA 8082A	03/08/2023 22:40	03/10/2023 19:22	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*85.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*77.5 %*	*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
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0223	1	EPA 8151A	03/08/2023 08:54	03/09/2023 18:19	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*78.0 %*	*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**	**1.46**		mg/kg dry	1.40	1	EPA 6010D	03/10/2023 13:59	03/14/2023 09:57	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**43.9**		mg/kg dry	2.33	1	EPA 6010D	03/10/2023 13:59	03/14/2023 09:57	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**0.856**		mg/kg dry	0.047	1	EPA 6010D	03/10/2023 13:59	03/14/2023 09:57	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.280	1	EPA 6010D	03/10/2023 13:59	03/14/2023 09:57	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: Q2-EP 1 **York Sample ID:** 23C0335-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 9:00 am	03/07/2023

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**	**12.8**		mg/kg dry	0.467	1	EPA 6010D	03/10/2023 13:59	03/14/2023 09:57	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**18.1**		mg/kg dry	1.87	1	EPA 6010D	03/10/2023 13:59	03/14/2023 09:57	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**5.21**		mg/kg dry	0.467	1	EPA 6010D	03/10/2023 13:59	03/14/2023 09:57	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**251**		mg/kg dry	0.467	1	EPA 6010D	03/10/2023 13:59	03/14/2023 09:57	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**13.0**		mg/kg dry	0.929	1	EPA 6010D	03/10/2023 13:59	03/14/2023 09:57	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.33	1	EPA 6010D	03/10/2023 13:59	03/14/2023 09:57	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.470	1	EPA 6010D	03/10/2023 13:59	03/14/2023 09:57	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**52.4**		mg/kg dry	2.32	1	EPA 6010D	03/10/2023 13:59	03/14/2023 09:57	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0336	1	EPA 7473	03/10/2023 09:40	03/10/2023 13:54	BML
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

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	0.560	1	EPA 7196A	03/08/2023 14:47	03/08/2023 19:53	SMK
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

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**	**12.8**		mg/kg	0.500	1	Calculation	03/15/2023 10:35	03/15/2023 11:10	VR
							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	0.560	1	EPA 9014/9010C	03/08/2023 14:34	03/08/2023 19:26	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Sample Information

Client Sample ID: Q2-EP 1 **York Sample ID:** 23C0335-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 9:00 am	03/07/2023

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.3**		%	0.100	1	SM 2540G	03/09/2023 10:36	03/09/2023 15:32	sgs
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: Q2-EP 2 **York Sample ID:** 23C0335-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 9:05 am	03/07/2023

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
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	03/09/2023 07:02	03/09/2023 13:48	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	03/09/2023 07:02	03/09/2023 13:48	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	03/09/2023 07:02	03/09/2023 13:48	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	03/09/2023 07:02	03/09/2023 13:48	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	03/09/2023 07:02	03/09/2023 13:48	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	03/09/2023 07:02	03/09/2023 13:48	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	03/09/2023 07:02	03/09/2023 13:48	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	03/09/2023 07:02	03/09/2023 13:48	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	03/09/2023 07:02	03/09/2023 13:48	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.058	0.12	1	EPA 8260C	03/09/2023 07:02	03/09/2023 13:48	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
78-93-3	2-Butanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	03/09/2023 07:02	03/09/2023 13:48	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
67-64-1	**Acetone**	**0.034**	CCVE, ICVE	mg/kg dry	0.0058	0.012	1	EPA 8260C	03/09/2023 07:02	03/09/2023 13:48	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA			
71-43-2	Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	03/09/2023 07:02	03/09/2023 13:48	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	03/09/2023 07:02	03/09/2023 13:48	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			

Sample Information

Client Sample ID: Q2-EP 2 **York Sample ID:** 23C0335-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 9:05 am	03/07/2023

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
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 13:48	BMC
67-66-3	Chloroform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 13:48	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 13:48	BMC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 13:48	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 13:48	BMC
75-09-2	Methylene chloride	ND		mg/kg dry	0.0058	0.012	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 13:48	BMC
91-20-3	Naphthalene	ND		mg/kg dry	0.0029	0.012	1	EPA 8260C Certifications:	03/09/2023 07:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/09/2023 13:48	BMC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 13:48	BMC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 13:48	BMC
95-47-6	o-Xylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/09/2023 13:48	BMC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0058	0.012	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/09/2023 13:48	BMC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 13:48	BMC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 13:48	BMC
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 13:48	BMC
108-88-3	Toluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 13:48	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 13:48	BMC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 13:48	BMC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 13:48	BMC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0088	0.018	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	03/09/2023 13:48	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*116 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.6 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*108 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: Q2-EP 2 **York Sample ID:** 23C0335-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 9:05 am	03/07/2023

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:14	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:14	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:14	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:14	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:14	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:14	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:14	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:14	KH
191-24-2	Benzo(g,h,i)perylene	ND	CCVE	mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:14	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:14	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:14	KH
53-70-3	Dibenzo(a,h)anthracene	ND	CCVE	mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:14	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:14	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:14	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications:	03/09/2023 08:33 NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:14	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:14	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:14	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:14	KH
87-86-5	Pentachlorophenol	ND	CAL-E, CCVE	mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:14	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:14	KH
108-95-2	Phenol	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:14	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:14	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*67.6 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*63.4 %*	*23-114*

Sample Information

Client Sample ID: Q2-EP 2 **York Sample ID:** 23C0335-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 9:05 am	03/07/2023

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
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*65.8 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*68.5 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*82.0 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*89.4 %*			*24-116*						

PEST, 8081 MASTER

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 Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:22	BJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:22	BJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:22	BJ
309-00-2	Aldrin	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:22	BJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:22	BJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications:	03/08/2023 22:40 NELAC-NY10854,NJDEP	03/11/2023 00:22	BJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:22	BJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:22	BJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:22	BJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:22	BJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854	03/11/2023 00:22	BJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:22	BJ
72-20-8	Endrin	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:22	BJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:22	BJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:22	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*83.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*70.8 %*	*30-150*

Sample Information

Client Sample ID: **Q2-EP 2** **York Sample ID:** **23C0335-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 9:05 am	03/07/2023

PCB, 8082 MASTER

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	0.0188	1	EPA 8082A	03/08/2023 22:40	03/10/2023 19:36	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0188	1	EPA 8082A	03/08/2023 22:40	03/10/2023 19:36	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0188	1	EPA 8082A	03/08/2023 22:40	03/10/2023 19:36	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0188	1	EPA 8082A	03/08/2023 22:40	03/10/2023 19:36	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0188	1	EPA 8082A	03/08/2023 22:40	03/10/2023 19:36	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0188	1	EPA 8082A	03/08/2023 22:40	03/10/2023 19:36	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0188	1	EPA 8082A	03/08/2023 22:40	03/10/2023 19:36	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0188	1	EPA 8082A	03/08/2023 22:40	03/10/2023 19:36	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*78.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*65.5 %*	*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
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0228	1	EPA 8151A	03/08/2023 08:54	03/09/2023 18:29	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

	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**	**2.55**		mg/kg dry	1.44	1	EPA 6010D	03/10/2023 13:59	03/14/2023 09:59	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**51.9**		mg/kg dry	2.40	1	EPA 6010D	03/10/2023 13:59	03/14/2023 09:59	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**1.19**		mg/kg dry	0.048	1	EPA 6010D	03/10/2023 13:59	03/14/2023 09:59	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.288	1	EPA 6010D	03/10/2023 13:59	03/14/2023 09:59	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: Q2-EP 2 **York Sample ID:** 23C0335-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 9:05 am	03/07/2023

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**	**18.2**		mg/kg dry	0.480	1	EPA 6010D	03/10/2023 13:59	03/14/2023 09:59	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**18.9**		mg/kg dry	1.92	1	EPA 6010D	03/10/2023 13:59	03/14/2023 09:59	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**6.85**		mg/kg dry	0.480	1	EPA 6010D	03/10/2023 13:59	03/14/2023 09:59	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**308**		mg/kg dry	0.480	1	EPA 6010D	03/10/2023 13:59	03/14/2023 09:59	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**16.2**		mg/kg dry	0.956	1	EPA 6010D	03/10/2023 13:59	03/14/2023 09:59	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.40	1	EPA 6010D	03/10/2023 13:59	03/14/2023 09:59	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.484	1	EPA 6010D	03/10/2023 13:59	03/14/2023 09:59	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**44.5**		mg/kg dry	2.39	1	EPA 6010D	03/10/2023 13:59	03/14/2023 09:59	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0346	1	EPA 7473	03/10/2023 09:40	03/10/2023 14:04	BML
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

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	0.576	1	EPA 7196A	03/08/2023 14:47	03/08/2023 19:53	SMK
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

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**	**18.2**		mg/kg	0.500	1	Calculation	03/15/2023 10:35	03/15/2023 11:10	VR
							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	0.576	1	EPA 9014/9010C	03/08/2023 14:34	03/08/2023 19:26	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Sample Information

Client Sample ID: Q2-EP 2 **York Sample ID:** 23C0335-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 9:05 am	03/07/2023

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**	**86.8**		%	0.100	1	SM 2540G	03/09/2023 10:36	03/09/2023 15:32	sgs
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: Q2-EP 3 **York Sample ID:** 23C0335-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 9:10 am	03/07/2023

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
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 14:14	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 14:14	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 14:14	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 14:14	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 14:14	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 14:14	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 14:14	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 14:14	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 14:14	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.054	0.11	1	EPA 8260C	03/09/2023 07:02	03/09/2023 14:14	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 14:14	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
67-64-1	**Acetone**	**0.039**	CCVE, ICVE	mg/kg dry	0.0054	0.011	1	EPA 8260C	03/09/2023 07:02	03/09/2023 14:14	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA			
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 14:14	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 14:14	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			

Sample Information

Client Sample ID: Q2-EP 3 **York Sample ID:** 23C0335-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 9:10 am	03/07/2023

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
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 14:14	BMC
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 14:14	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 14:14	BMC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 14:14	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 14:14	BMC
75-09-2	Methylene chloride	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 14:14	BMC
91-20-3	Naphthalene	ND		mg/kg dry	0.0027	0.011	1	EPA 8260C Certifications:	03/09/2023 07:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/09/2023 14:14	BMC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 14:14	BMC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 14:14	BMC
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/09/2023 14:14	BMC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/09/2023 14:14	BMC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 14:14	BMC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 14:14	BMC
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 14:14	BMC
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 14:14	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 14:14	BMC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 14:14	BMC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 14:14	BMC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0081	0.016	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	03/09/2023 14:14	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*116 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.4 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*105 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: Q2-EP 3 **York Sample ID:** 23C0335-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 9:10 am	03/07/2023

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	Benzo(g,h,i)perylene	ND	CCVE	mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	Dibenzo(a,h)anthracene	ND	CCVE	mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:45 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
87-86-5	Pentachlorophenol	ND	CAL-E, CCVE	mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
108-95-2	Phenol	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*62.2 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*61.1 %*	*23-114*

Sample Information

Client Sample ID: Q2-EP 3 **York Sample ID:** 23C0335-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 9:10 am	03/07/2023

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
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*72.0 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*68.6 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*78.4 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*97.6 %*			*24-116*						

PEST, 8081 MASTER

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:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:41	BJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:41	BJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:41	BJ
309-00-2	Aldrin	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:41	BJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:41	BJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications:	03/08/2023 22:40 NELAC-NY10854,NJDEP	03/11/2023 00:41	BJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:41	BJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:41	BJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:41	BJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:41	BJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854	03/11/2023 00:41	BJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:41	BJ
72-20-8	Endrin	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:41	BJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:41	BJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:41	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*99.9 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*76.5 %*	*30-150*

Sample Information

Client Sample ID: Q2-EP 3 **York Sample ID:** 23C0335-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 9:10 am	03/07/2023

PCB, 8082 MASTER

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	03/08/2023 22:40	03/10/2023 19:49	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0189	1	EPA 8082A	03/08/2023 22:40	03/10/2023 19:49	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0189	1	EPA 8082A	03/08/2023 22:40	03/10/2023 19:49	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0189	1	EPA 8082A	03/08/2023 22:40	03/10/2023 19:49	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0189	1	EPA 8082A	03/08/2023 22:40	03/10/2023 19:49	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0189	1	EPA 8082A	03/08/2023 22:40	03/10/2023 19:49	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0189	1	EPA 8082A	03/08/2023 22:40	03/10/2023 19:49	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0189	1	EPA 8082A	03/08/2023 22:40	03/10/2023 19:49	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*84.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*83.5 %*	*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
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0227	1	EPA 8151A	03/08/2023 08:15	03/09/2023 19:34	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*79.8 %*	*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	ND		mg/kg dry	1.42	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**53.3**		mg/kg dry	2.37	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**1.00**		mg/kg dry	0.048	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.284	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: Q2-EP 3 **York Sample ID:** 23C0335-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 9:10 am	03/07/2023

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**	**16.4**		mg/kg dry	0.474	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**18.5**		mg/kg dry	1.90	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**6.34**		mg/kg dry	0.474	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**321**		mg/kg dry	0.474	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**16.3**		mg/kg dry	0.944	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.37	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.478	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**43.0**		mg/kg dry	2.36	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0341	1	EPA 7473	03/10/2023 09:40	03/10/2023 14:14	BML
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

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	0.569	1	EPA 7196A	03/08/2023 14:47	03/08/2023 19:53	SMK
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

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**	**16.4**		mg/kg	0.500	1	Calculation	03/15/2023 10:35	03/15/2023 11:10	VR
							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	0.569	1	EPA 9014/9010C	03/08/2023 14:34	03/08/2023 19:26	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Sample Information

Client Sample ID: Q2-EP 3 **York Sample ID:** 23C0335-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 9:10 am	03/07/2023

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**	**87.9**		%	0.100	1	SM 2540G	03/09/2023 10:36	03/09/2023 15:32	sgs
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: Q2-EP 4 **York Sample ID:** 23C0335-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 9:20 am	03/07/2023

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
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	03/09/2023 07:02	03/09/2023 10:24	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	03/09/2023 07:02	03/09/2023 10:24	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	03/09/2023 07:02	03/09/2023 10:24	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	03/09/2023 07:02	03/09/2023 10:24	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	03/09/2023 07:02	03/09/2023 10:24	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	03/09/2023 07:02	03/09/2023 10:24	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	03/09/2023 07:02	03/09/2023 10:24	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	03/09/2023 07:02	03/09/2023 10:24	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	03/09/2023 07:02	03/09/2023 10:24	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.052	0.10	1	EPA 8260C	03/09/2023 07:02	03/09/2023 10:24	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	03/09/2023 07:02	03/09/2023 10:24	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
67-64-1	**Acetone**	**0.015**	CCVE, ICVE	mg/kg dry	0.0052	0.010	1	EPA 8260C	03/09/2023 07:02	03/09/2023 10:24	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA			
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	03/09/2023 07:02	03/09/2023 10:24	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	03/09/2023 07:02	03/09/2023 10:24	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			

Sample Information

Client Sample ID: Q2-EP 4 **York Sample ID:** 23C0335-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 9:20 am	03/07/2023

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
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 10:24	BMC
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 10:24	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 10:24	BMC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 10:24	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 10:24	BMC
75-09-2	Methylene chloride	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 10:24	BMC
91-20-3	Naphthalene	ND		mg/kg dry	0.0026	0.010	1	EPA 8260C Certifications:	03/09/2023 07:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/09/2023 10:24	BMC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 10:24	BMC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 10:24	BMC
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/09/2023 10:24	BMC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/09/2023 10:24	BMC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 10:24	BMC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 10:24	BMC
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 10:24	BMC
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 10:24	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 10:24	BMC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 10:24	BMC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 10:24	BMC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0079	0.016	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	03/09/2023 10:24	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*113 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*110 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: Q2-EP 4 **York Sample ID:** 23C0335-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 9:20 am	03/07/2023

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:42 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0444	0.0887	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
108-95-2	Phenol	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 11:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*74.4 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*73.7 %*	*23-114*

Sample Information

Client Sample ID: Q2-EP 4 **York Sample ID:** 23C0335-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 9:20 am	03/07/2023

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
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*101 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*77.6 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*108 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*91.9 %*			*24-116*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:59	BJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:59	BJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:59	BJ
309-00-2	Aldrin	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:59	BJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:59	BJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	03/08/2023 22:40 NELAC-NY10854,NJDEP	03/11/2023 00:59	BJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:59	BJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:59	BJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:59	BJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:59	BJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854	03/11/2023 00:59	BJ
1031-07-8	Endosulfan sulfate	ND	P	mg/kg dry	0.00176	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:59	BJ
72-20-8	Endrin	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:59	BJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:59	BJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 00:59	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*90.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*74.7 %*	*30-150*

Sample Information

Client Sample ID: Q2-EP 4 **York Sample ID:** 23C0335-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 9:20 am	03/07/2023

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0178	1	EPA 8082A	03/08/2023 22:40	03/10/2023 20:03	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0178	1	EPA 8082A	03/08/2023 22:40	03/10/2023 20:03	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0178	1	EPA 8082A	03/08/2023 22:40	03/10/2023 20:03	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0178	1	EPA 8082A	03/08/2023 22:40	03/10/2023 20:03	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0178	1	EPA 8082A	03/08/2023 22:40	03/10/2023 20:03	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0178	1	EPA 8082A	03/08/2023 22:40	03/10/2023 20:03	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0178	1	EPA 8082A	03/08/2023 22:40	03/10/2023 20:03	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0178	1	EPA 8082A	03/08/2023 22:40	03/10/2023 20:03	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*86.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*77.0 %*	*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		mg/kg dry	0.0218	1	EPA 8151A	03/08/2023 08:15	03/09/2023 19:45	BJ-
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*72.8 %*	*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**	**1.59**		mg/kg dry	1.37	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:03	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**58.2**		mg/kg dry	2.28	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:03	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	**Beryllium**	**0.871**		mg/kg dry	0.046	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:03	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/kg dry	0.274	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:03	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: Q2-EP 4 **York Sample ID:** 23C0335-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 9:20 am	03/07/2023

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**	**13.7**		mg/kg dry	0.457	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:03	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**23.7**		mg/kg dry	1.83	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:03	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**5.61**		mg/kg dry	0.457	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:03	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**301**		mg/kg dry	0.457	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:03	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**13.7**		mg/kg dry	0.909	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:03	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.28	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:03	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.460	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:03	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**46.2**		mg/kg dry	2.27	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:03	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0329	1	EPA 7473	03/10/2023 09:40	03/10/2023 14:25	BML
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

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	0.548	1	EPA 7196A	03/08/2023 14:47	03/08/2023 19:53	SMK
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

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**	**13.7**		mg/kg	0.500	1	Calculation	03/15/2023 10:35	03/15/2023 11:10	VR
							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	0.548	1	EPA 9014/9010C	03/08/2023 14:34	03/08/2023 19:26	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Sample Information

Client Sample ID: Q2-EP 4 **York Sample ID:** 23C0335-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 9:20 am	03/07/2023

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.3**		%	0.100	1	SM 2540G	03/09/2023 10:36	03/09/2023 15:32	sgs
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: Q3-EP 1 **York Sample ID:** 23C0335-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 8:00 am	03/07/2023

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
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	03/09/2023 07:02	03/09/2023 10:49	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	03/09/2023 07:02	03/09/2023 10:49	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	03/09/2023 07:02	03/09/2023 10:49	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	03/09/2023 07:02	03/09/2023 10:49	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	03/09/2023 07:02	03/09/2023 10:49	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	03/09/2023 07:02	03/09/2023 10:49	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	03/09/2023 07:02	03/09/2023 10:49	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	03/09/2023 07:02	03/09/2023 10:49	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	03/09/2023 07:02	03/09/2023 10:49	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.060	0.12	1	EPA 8260C	03/09/2023 07:02	03/09/2023 10:49	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
78-93-3	2-Butanone	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	03/09/2023 07:02	03/09/2023 10:49	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
67-64-1	**Acetone**	**0.022**	CCVE, ICVE	mg/kg dry	0.0060	0.012	1	EPA 8260C	03/09/2023 07:02	03/09/2023 10:49	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA			
71-43-2	Benzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	03/09/2023 07:02	03/09/2023 10:49	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	03/09/2023 07:02	03/09/2023 10:49	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			

Sample Information

Client Sample ID: Q3-EP 1 **York Sample ID:** 23C0335-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 8:00 am	03/07/2023

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
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 10:49	BMC
67-66-3	Chloroform	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 10:49	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 10:49	BMC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 10:49	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 10:49	BMC
75-09-2	Methylene chloride	ND		mg/kg dry	0.0060	0.012	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 10:49	BMC
91-20-3	Naphthalene	ND		mg/kg dry	0.0030	0.012	1	EPA 8260C Certifications:	03/09/2023 07:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/09/2023 10:49	BMC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 10:49	BMC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 10:49	BMC
95-47-6	o-Xylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/09/2023 10:49	BMC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0060	0.012	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/09/2023 10:49	BMC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 10:49	BMC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 10:49	BMC
127-18-4	**Tetrachloroethylene**	**0.0050**	J	mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	03/09/2023 10:49	BMC
108-88-3	Toluene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 10:49	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 10:49	BMC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 10:49	BMC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 10:49	BMC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0090	0.018	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	03/09/2023 10:49	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*114 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.8 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*107 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: Q3-EP 1 **York Sample ID:** 23C0335-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 8:00 am	03/07/2023

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:13 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
108-95-2	Phenol	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*58.6 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*59.1 %*	*23-114*

Sample Information

Client Sample ID: Q3-EP 1 **York Sample ID:** 23C0335-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 8:00 am	03/07/2023

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
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*78.4 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*61.7 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*90.1 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*85.0 %*			*24-116*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 01:54	BJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 01:54	BJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 01:54	BJ
309-00-2	Aldrin	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 01:54	BJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 01:54	BJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	03/08/2023 22:40 NELAC-NY10854,NJDEP	03/11/2023 01:54	BJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 01:54	BJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 01:54	BJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 01:54	BJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 01:54	BJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854	03/11/2023 01:54	BJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 01:54	BJ
72-20-8	Endrin	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 01:54	BJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 01:54	BJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 01:54	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*87.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*69.1 %*	*30-150*

Sample Information

Client Sample ID: Q3-EP 1 **York Sample ID:** 23C0335-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 8:00 am	03/07/2023

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0185	1	EPA 8082A	03/08/2023 22:40	03/10/2023 20:16	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0185	1	EPA 8082A	03/08/2023 22:40	03/10/2023 20:16	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0185	1	EPA 8082A	03/08/2023 22:40	03/10/2023 20:16	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0185	1	EPA 8082A	03/08/2023 22:40	03/10/2023 20:16	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0185	1	EPA 8082A	03/08/2023 22:40	03/10/2023 20:16	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0185	1	EPA 8082A	03/08/2023 22:40	03/10/2023 20:16	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0185	1	EPA 8082A	03/08/2023 22:40	03/10/2023 20:16	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0185	1	EPA 8082A	03/08/2023 22:40	03/10/2023 20:16	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*85.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*72.5 %*	*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
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0224	1	EPA 8151A	03/08/2023 08:15	03/09/2023 20:17	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*67.4 %*	*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**	**1.64**		mg/kg dry	1.41	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**46.5**		mg/kg dry	2.34	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**0.990**		mg/kg dry	0.047	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.281	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: Q3-EP 1 **York Sample ID:** 23C0335-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 8:00 am	03/07/2023

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**	**15.3**		mg/kg dry	0.469	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**19.2**		mg/kg dry	1.87	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**5.62**		mg/kg dry	0.469	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**289**		mg/kg dry	0.469	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**15.6**		mg/kg dry	0.933	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.34	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.472	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**65.1**		mg/kg dry	2.33	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0337	1	EPA 7473	03/10/2023 09:40	03/10/2023 14:35	BML
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

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	0.562	1	EPA 7196A	03/08/2023 14:47	03/08/2023 19:53	SMK
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

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**	**15.3**		mg/kg	0.500	1	Calculation	03/15/2023 10:35	03/15/2023 11:10	VR
							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	0.562	1	EPA 9014/9010C	03/08/2023 14:34	03/08/2023 19:26	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Sample Information

Client Sample ID: Q3-EP 1 **York Sample ID:** 23C0335-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 8:00 am	03/07/2023

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**88.9**		%	0.100	1	SM 2540G	03/09/2023 10:36	03/09/2023 15:32	sgs
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: Q3-EP 2 **York Sample ID:** 23C0335-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 8:10 am	03/07/2023

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
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	03/09/2023 07:02	03/09/2023 11:15	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	03/09/2023 07:02	03/09/2023 11:15	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	03/09/2023 07:02	03/09/2023 11:15	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	03/09/2023 07:02	03/09/2023 11:15	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	03/09/2023 07:02	03/09/2023 11:15	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	03/09/2023 07:02	03/09/2023 11:15	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	03/09/2023 07:02	03/09/2023 11:15	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	03/09/2023 07:02	03/09/2023 11:15	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	03/09/2023 07:02	03/09/2023 11:15	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.068	0.14	1	EPA 8260C	03/09/2023 07:02	03/09/2023 11:15	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
78-93-3	2-Butanone	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	03/09/2023 07:02	03/09/2023 11:15	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
67-64-1	Acetone	ND		mg/kg dry	0.0068	0.014	1	EPA 8260C	03/09/2023 07:02	03/09/2023 11:15	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
71-43-2	Benzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	03/09/2023 07:02	03/09/2023 11:15	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	03/09/2023 07:02	03/09/2023 11:15	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			

Sample Information

Client Sample ID: Q3-EP 2 **York Sample ID:** 23C0335-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 8:10 am	03/07/2023

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
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 11:15	BMC
67-66-3	Chloroform	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 11:15	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 11:15	BMC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 11:15	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 11:15	BMC
75-09-2	Methylene chloride	ND		mg/kg dry	0.0068	0.014	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 11:15	BMC
91-20-3	Naphthalene	ND		mg/kg dry	0.0034	0.014	1	EPA 8260C Certifications:	03/09/2023 07:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/09/2023 11:15	BMC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 11:15	BMC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 11:15	BMC
95-47-6	o-Xylene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/09/2023 11:15	BMC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0068	0.014	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/09/2023 11:15	BMC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 11:15	BMC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 11:15	BMC
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 11:15	BMC
108-88-3	Toluene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 11:15	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 11:15	BMC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 11:15	BMC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 11:15	BMC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	03/09/2023 11:15	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*114 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.9 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*109 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: Q3-EP 2 **York Sample ID:** 23C0335-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 8:10 am	03/07/2023

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
108-95-2	Phenol	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*57.0 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*57.3 %*	*23-114*

Sample Information

Client Sample ID: Q3-EP 2 **York Sample ID:** 23C0335-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 8:10 am	03/07/2023

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
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*75.7 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*56.6 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*75.7 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*77.5 %*			*24-116*						

PEST, 8081 MASTER

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	0.00185	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 02:12	BJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 02:12	BJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 02:12	BJ
309-00-2	Aldrin	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 02:12	BJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 02:12	BJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications:	03/08/2023 22:40 NELAC-NY10854,NJDEP	03/11/2023 02:12	BJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 02:12	BJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 02:12	BJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 02:12	BJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 02:12	BJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854	03/11/2023 02:12	BJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 02:12	BJ
72-20-8	Endrin	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 02:12	BJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 02:12	BJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 02:12	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*96.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*74.9 %*	*30-150*

Sample Information

Client Sample ID: **Q3-EP 2** **York Sample ID:** **23C0335-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 8:10 am	03/07/2023

PCB, 8082 MASTER

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	03/08/2023 22:40	03/10/2023 20:30	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0187	1	EPA 8082A	03/08/2023 22:40	03/10/2023 20:30	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0187	1	EPA 8082A	03/08/2023 22:40	03/10/2023 20:30	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0187	1	EPA 8082A	03/08/2023 22:40	03/10/2023 20:30	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0187	1	EPA 8082A	03/08/2023 22:40	03/10/2023 20:30	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0187	1	EPA 8082A	03/08/2023 22:40	03/10/2023 20:30	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0187	1	EPA 8082A	03/08/2023 22:40	03/10/2023 20:30	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0187	1	EPA 8082A	03/08/2023 22:40	03/10/2023 20:30	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*84.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*79.0 %*	*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		mg/kg dry	0.0228	1	EPA 8151A	03/08/2023 08:15	03/09/2023 20:28	BJ-
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*78.0 %*	*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**	**1.95**		mg/kg dry	1.44	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:07	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**44.0**		mg/kg dry	2.40	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:07	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	**Beryllium**	**1.11**		mg/kg dry	0.049	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:07	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/kg dry	0.289	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:07	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: Q3-EP 2 **York Sample ID:** 23C0335-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 8:10 am	03/07/2023

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**	**16.4**		mg/kg dry	0.482	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:07	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**27.2**		mg/kg dry	1.93	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:07	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**7.42**		mg/kg dry	0.482	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:07	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**302**		mg/kg dry	0.482	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:07	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**15.6**		mg/kg dry	0.959	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:07	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.41	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:07	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.485	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:07	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**104**		mg/kg dry	2.40	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:07	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0347	1	EPA 7473	03/10/2023 09:40	03/10/2023 14:45	BML
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

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	0.578	1	EPA 7196A	03/08/2023 14:47	03/08/2023 19:53	SMK
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

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**	**16.4**		mg/kg	0.500	1	Calculation	03/15/2023 10:35	03/15/2023 11:10	VR
							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	0.578	1	EPA 9014/9010C	03/08/2023 14:34	03/08/2023 19:26	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Sample Information

Client Sample ID: Q3-EP 2 **York Sample ID:** 23C0335-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 8:10 am	03/07/2023

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**	**86.5**		%	0.100	1	SM 2540G	03/09/2023 10:36	03/09/2023 15:32	sgs
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: Q3-EP 3 **York Sample ID:** 23C0335-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 8:15 am	03/07/2023

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
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/09/2023 07:02	03/09/2023 11:40	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/09/2023 07:02	03/09/2023 11:40	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/09/2023 07:02	03/09/2023 11:40	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/09/2023 07:02	03/09/2023 11:40	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/09/2023 07:02	03/09/2023 11:40	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/09/2023 07:02	03/09/2023 11:40	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/09/2023 07:02	03/09/2023 11:40	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/09/2023 07:02	03/09/2023 11:40	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/09/2023 07:02	03/09/2023 11:40	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.055	0.11	1	EPA 8260C	03/09/2023 07:02	03/09/2023 11:40	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/09/2023 07:02	03/09/2023 11:40	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
67-64-1	**Acetone**	**0.022**	CCVE, ICVE	mg/kg dry	0.0055	0.011	1	EPA 8260C	03/09/2023 07:02	03/09/2023 11:40	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA			
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/09/2023 07:02	03/09/2023 11:40	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/09/2023 07:02	03/09/2023 11:40	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			

Sample Information

Client Sample ID: Q3-EP 3 **York Sample ID:** 23C0335-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 8:15 am	03/07/2023

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
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 11:40	BMC
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 11:40	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 11:40	BMC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 11:40	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 11:40	BMC
75-09-2	Methylene chloride	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 11:40	BMC
91-20-3	Naphthalene	ND		mg/kg dry	0.0027	0.011	1	EPA 8260C Certifications:	03/09/2023 07:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/09/2023 11:40	BMC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 11:40	BMC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 11:40	BMC
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/09/2023 11:40	BMC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/09/2023 11:40	BMC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 11:40	BMC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 11:40	BMC
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 11:40	BMC
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 11:40	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 11:40	BMC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 11:40	BMC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 11:40	BMC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0082	0.016	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	03/09/2023 11:40	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*115 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.4 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*108 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: Q3-EP 3 **York Sample ID:** 23C0335-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 8:15 am	03/07/2023

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:13 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0451	0.0899	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
108-95-2	Phenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*59.7 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*59.1 %*	*23-114*

Sample Information

Client Sample ID: Q3-EP 3 **York Sample ID:** 23C0335-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 8:15 am	03/07/2023

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
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*80.0 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*61.3 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*87.5 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*80.4 %*			*24-116*						

PEST, 8081 MASTER

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 02:30	BJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 02:30	BJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 02:30	BJ
309-00-2	Aldrin	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 02:30	BJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 02:30	BJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	03/08/2023 22:40 NELAC-NY10854,NJDEP	03/11/2023 02:30	BJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 02:30	BJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 02:30	BJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 02:30	BJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 02:30	BJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854	03/11/2023 02:30	BJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 02:30	BJ
72-20-8	Endrin	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 02:30	BJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 02:30	BJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 02:30	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*94.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*75.6 %*	*30-150*

Sample Information

Client Sample ID: Q3-EP 3 **York Sample ID:** 23C0335-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 8:15 am	03/07/2023

PCB, 8082 MASTER

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	03/08/2023 22:40	03/10/2023 20:44	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0181	1	EPA 8082A	03/08/2023 22:40	03/10/2023 20:44	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0181	1	EPA 8082A	03/08/2023 22:40	03/10/2023 20:44	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0181	1	EPA 8082A	03/08/2023 22:40	03/10/2023 20:44	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0181	1	EPA 8082A	03/08/2023 22:40	03/10/2023 20:44	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0181	1	EPA 8082A	03/08/2023 22:40	03/10/2023 20:44	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0181	1	EPA 8082A	03/08/2023 22:40	03/10/2023 20:44	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0181	1	EPA 8082A	03/08/2023 22:40	03/10/2023 20:44	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*86.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*82.0 %*	*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		mg/kg dry	0.0221	1	EPA 8151A	03/08/2023 08:54	03/09/2023 18:40	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*71.2 %*	*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	ND		mg/kg dry	1.39	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:09	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**28.0**		mg/kg dry	2.31	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:09	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**0.900**		mg/kg dry	0.047	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:09	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.278	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:09	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: Q3-EP 3 **York Sample ID:** 23C0335-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 8:15 am	03/07/2023

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**	**13.3**		mg/kg dry	0.463	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:09	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**16.7**		mg/kg dry	1.85	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:09	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**5.20**		mg/kg dry	0.463	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:09	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**244**		mg/kg dry	0.463	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:09	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**13.8**		mg/kg dry	0.922	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:09	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.31	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:09	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.467	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:09	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**34.6**		mg/kg dry	2.30	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:09	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0333	1	EPA 7473	03/10/2023 14:23	03/10/2023 17:20	BML
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

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	0.555	1	EPA 7196A	03/08/2023 14:47	03/08/2023 19:53	SMK
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

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**	**13.3**		mg/kg	0.500	1	Calculation	03/15/2023 10:35	03/15/2023 11:10	VR
							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	0.555	1	EPA 9014/9010C	03/08/2023 14:34	03/08/2023 19:26	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Sample Information

Client Sample ID: Q3-EP 3 **York Sample ID:** 23C0335-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 8:15 am	03/07/2023

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**	**90.0**		%	0.100	1	SM 2540G	03/09/2023 10:36	03/09/2023 15:32	sgs
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: Q4-EP 1 **York Sample ID:** 23C0335-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 8:30 am	03/07/2023

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
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	03/09/2023 07:02	03/09/2023 14:39	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	03/09/2023 07:02	03/09/2023 14:39	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	03/09/2023 07:02	03/09/2023 14:39	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	03/09/2023 07:02	03/09/2023 14:39	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	03/09/2023 07:02	03/09/2023 14:39	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	03/09/2023 07:02	03/09/2023 14:39	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	03/09/2023 07:02	03/09/2023 14:39	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	03/09/2023 07:02	03/09/2023 14:39	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	03/09/2023 07:02	03/09/2023 14:39	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.062	0.12	1	EPA 8260C	03/09/2023 07:02	03/09/2023 14:39	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
78-93-3	2-Butanone	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	03/09/2023 07:02	03/09/2023 14:39	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
67-64-1	**Acetone**	**0.031**	CCVE, ICVE	mg/kg dry	0.0062	0.012	1	EPA 8260C	03/09/2023 07:02	03/09/2023 14:39	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA			
71-43-2	Benzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	03/09/2023 07:02	03/09/2023 14:39	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	03/09/2023 07:02	03/09/2023 14:39	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			

Sample Information

Client Sample ID: Q4-EP 1 **York Sample ID:** 23C0335-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 8:30 am	03/07/2023

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
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/09/2023 07:02	03/09/2023 14:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
67-66-3	Chloroform	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/09/2023 07:02	03/09/2023 14:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/09/2023 07:02	03/09/2023 14:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/09/2023 07:02	03/09/2023 14:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/09/2023 07:02	03/09/2023 14:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
75-09-2	Methylene chloride	ND		mg/kg dry	0.0062	0.012	1	EPA 8260C Certifications:	03/09/2023 07:02	03/09/2023 14:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
91-20-3	Naphthalene	ND		mg/kg dry	0.0031	0.012	1	EPA 8260C Certifications:	03/09/2023 07:02	03/09/2023 14:39 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/09/2023 07:02	03/09/2023 14:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/09/2023 07:02	03/09/2023 14:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
95-47-6	o-Xylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/09/2023 07:02	03/09/2023 14:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	BMC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0062	0.012	1	EPA 8260C Certifications:	03/09/2023 07:02	03/09/2023 14:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	BMC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/09/2023 07:02	03/09/2023 14:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/09/2023 07:02	03/09/2023 14:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/09/2023 07:02	03/09/2023 14:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
108-88-3	Toluene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/09/2023 07:02	03/09/2023 14:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/09/2023 07:02	03/09/2023 14:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/09/2023 07:02	03/09/2023 14:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/09/2023 07:02	03/09/2023 14:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0093	0.019	1	EPA 8260C Certifications:	03/09/2023 07:02	03/09/2023 14:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*117 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*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: Q4-EP 1 **York Sample ID:** 23C0335-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 8:30 am	03/07/2023

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:44	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:44	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:44	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:44	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:44	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:44	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:44	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:44	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:44	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:44	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:44	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:44	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:44	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:44	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	03/09/2023 08:33 NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:44	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:44	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:44	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:44	KH
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:44	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:44	KH
108-95-2	Phenol	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:44	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	03/09/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/10/2023 13:44	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*70.7 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*69.4 %*	*23-114*

Sample Information

Client Sample ID: Q4-EP 1 **York Sample ID:** 23C0335-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 8:30 am	03/07/2023

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
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*92.6 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*71.8 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*98.1 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*86.1 %*			*24-116*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 02:48	BJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 02:48	BJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 02:48	BJ
309-00-2	Aldrin	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 02:48	BJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 02:48	BJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	03/08/2023 22:40 NELAC-NY10854,NJDEP	03/11/2023 02:48	BJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 02:48	BJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 02:48	BJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 02:48	BJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 02:48	BJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854	03/11/2023 02:48	BJ
1031-07-8	Endosulfan sulfate	ND	P	mg/kg dry	0.00181	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 02:48	BJ
72-20-8	Endrin	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 02:48	BJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 02:48	BJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 02:48	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*96.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*75.3 %*	*30-150*

Sample Information

Client Sample ID: Q4-EP 1 **York Sample ID:** 23C0335-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 8:30 am	03/07/2023

PCB, 8082 MASTER

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	0.0183	1	EPA 8082A Certifications:	03/08/2023 22:40 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	03/10/2023 20:57	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications:	03/08/2023 22:40 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	03/10/2023 20:57	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications:	03/08/2023 22:40 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	03/10/2023 20:57	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications:	03/08/2023 22:40 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	03/10/2023 20:57	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications:	03/08/2023 22:40 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	03/10/2023 20:57	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications:	03/08/2023 22:40 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	03/10/2023 20:57	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications:	03/08/2023 22:40 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	03/10/2023 20:57	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications:	03/08/2023 22:40	03/10/2023 20:57	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*85.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*83.0 %*	*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		mg/kg dry	0.0221	1	EPA 8151A Certifications:	03/08/2023 08:15 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/09/2023 20:39	BJ-

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*71.2 %*	*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**	**2.75**		mg/kg dry	1.40	1	EPA 6010D Certifications:	03/10/2023 13:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/14/2023 10:25	CW
7440-39-3	**Barium**	**39.0**		mg/kg dry	2.34	1	EPA 6010D Certifications:	03/10/2023 13:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/14/2023 10:25	CW
7440-41-7	**Beryllium**	**1.16**		mg/kg dry	0.047	1	EPA 6010D Certifications:	03/10/2023 13:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/14/2023 10:25	CW
7440-43-9	Cadmium	ND		mg/kg dry	0.281	1	EPA 6010D Certifications:	03/10/2023 13:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/14/2023 10:25	CW

Sample Information

Client Sample ID: Q4-EP 1 **York Sample ID:** 23C0335-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 8:30 am	03/07/2023

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**	**17.1**		mg/kg dry	0.468	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:25	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**20.0**		mg/kg dry	1.87	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:25	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**6.61**		mg/kg dry	0.468	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:25	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**281**		mg/kg dry	0.468	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:25	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**17.7**		mg/kg dry	0.932	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:25	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.34	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:25	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.472	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:25	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**49.2**		mg/kg dry	2.33	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:25	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0337	1	EPA 7473	03/10/2023 09:40	03/10/2023 15:55	BML
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

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	0.562	1	EPA 7196A	03/08/2023 14:47	03/08/2023 19:53	SMK
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

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**	**17.1**		mg/kg	0.500	1	Calculation	03/15/2023 10:35	03/15/2023 11:10	VR
							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	0.562	1	EPA 9014/9010C	03/08/2023 14:34	03/08/2023 19:26	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Sample Information

Client Sample ID: Q4-EP 1 **York Sample ID:** 23C0335-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 8:30 am	03/07/2023

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.0**		%	0.100	1	SM 2540G	03/09/2023 10:36	03/09/2023 15:32	sgs
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: Q4-EP 2 **York Sample ID:** 23C0335-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 8:35 am	03/07/2023

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
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	03/09/2023 07:02	03/09/2023 15:05	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	03/09/2023 07:02	03/09/2023 15:05	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	03/09/2023 07:02	03/09/2023 15:05	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	03/09/2023 07:02	03/09/2023 15:05	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	03/09/2023 07:02	03/09/2023 15:05	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	03/09/2023 07:02	03/09/2023 15:05	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	03/09/2023 07:02	03/09/2023 15:05	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	03/09/2023 07:02	03/09/2023 15:05	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	03/09/2023 07:02	03/09/2023 15:05	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.058	0.12	1	EPA 8260C	03/09/2023 07:02	03/09/2023 15:05	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
78-93-3	2-Butanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	03/09/2023 07:02	03/09/2023 15:05	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
67-64-1	**Acetone**	**0.034**	CCVE, ICVE	mg/kg dry	0.0058	0.012	1	EPA 8260C	03/09/2023 07:02	03/09/2023 15:05	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA			
71-43-2	Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	03/09/2023 07:02	03/09/2023 15:05	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	03/09/2023 07:02	03/09/2023 15:05	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			

Sample Information

Client Sample ID: Q4-EP 2 **York Sample ID:** 23C0335-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 8:35 am	03/07/2023

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
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 15:05	BMC
67-66-3	Chloroform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 15:05	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 15:05	BMC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 15:05	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 15:05	BMC
75-09-2	**Methylene chloride**	**0.0069**	J	mg/kg dry	0.0058	0.012	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	03/09/2023 15:05	BMC
91-20-3	Naphthalene	ND		mg/kg dry	0.0029	0.012	1	EPA 8260C Certifications:	03/09/2023 07:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/09/2023 15:05	BMC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 15:05	BMC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 15:05	BMC
95-47-6	o-Xylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/09/2023 15:05	BMC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0058	0.012	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/09/2023 15:05	BMC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 15:05	BMC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 15:05	BMC
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 15:05	BMC
108-88-3	Toluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 15:05	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 15:05	BMC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 15:05	BMC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 15:05	BMC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0087	0.017	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	03/09/2023 15:05	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*118 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*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: Q4-EP 2 **York Sample ID:** 23C0335-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 8:35 am	03/07/2023

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:23 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
108-95-2	Phenol	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*58.2 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*60.6 %*	*23-114*

Sample Information

Client Sample ID: Q4-EP 2 **York Sample ID:** 23C0335-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 8:35 am	03/07/2023

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
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*86.2 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*70.3 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*85.2 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*86.0 %*			*24-116*						

PEST, 8081 MASTER

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	0.00178	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 03:07	BJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 03:07	BJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 03:07	BJ
309-00-2	Aldrin	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 03:07	BJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 03:07	BJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	03/08/2023 22:40 NELAC-NY10854,NJDEP	03/11/2023 03:07	BJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 03:07	BJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 03:07	BJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 03:07	BJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 03:07	BJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854	03/11/2023 03:07	BJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 03:07	BJ
72-20-8	Endrin	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 03:07	BJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 03:07	BJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 03:07	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*95.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*73.2 %*	*30-150*

Sample Information

Client Sample ID: Q4-EP 2 **York Sample ID:** 23C0335-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 8:35 am	03/07/2023

PCB, 8082 MASTER

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	0.0180	1	EPA 8082A	03/08/2023 22:40	03/10/2023 21:11	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0180	1	EPA 8082A	03/08/2023 22:40	03/10/2023 21:11	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0180	1	EPA 8082A	03/08/2023 22:40	03/10/2023 21:11	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0180	1	EPA 8082A	03/08/2023 22:40	03/10/2023 21:11	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0180	1	EPA 8082A	03/08/2023 22:40	03/10/2023 21:11	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0180	1	EPA 8082A	03/08/2023 22:40	03/10/2023 21:11	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0180	1	EPA 8082A	03/08/2023 22:40	03/10/2023 21:11	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0180	1	EPA 8082A	03/08/2023 22:40	03/10/2023 21:11	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*79.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*71.0 %*	*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		mg/kg dry	0.0219	1	EPA 8151A	03/08/2023 08:15	03/09/2023 20:49	BJ-
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*68.6 %*	*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**	**1.90**		mg/kg dry	1.37	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:27	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**54.1**		mg/kg dry	2.29	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:27	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	**Beryllium**	**0.994**		mg/kg dry	0.046	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:27	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/kg dry	0.275	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:27	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: Q4-EP 2 **York Sample ID:** 23C0335-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 8:35 am	03/07/2023

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**	**14.5**		mg/kg dry	0.458	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:27	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**21.1**		mg/kg dry	1.83	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:27	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**5.85**		mg/kg dry	0.458	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:27	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**258**		mg/kg dry	0.458	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:27	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**15.4**		mg/kg dry	0.913	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:27	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.29	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:27	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.462	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:27	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**66.7**		mg/kg dry	2.28	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:27	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0330	1	EPA 7473	03/10/2023 09:40	03/10/2023 16:02	BML
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

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	0.550	1	EPA 7196A	03/08/2023 14:47	03/08/2023 19:53	SMK
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

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**	**14.5**		mg/kg	0.500	1	Calculation	03/15/2023 10:35	03/15/2023 11:10	VR
							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	0.550	1	EPA 9014/9010C	03/09/2023 14:28	03/09/2023 19:39	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Sample Information

Client Sample ID: Q4-EP 2 **York Sample ID:** 23C0335-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 8:35 am	03/07/2023

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.0**		%	0.100	1	SM 2540G	03/09/2023 10:36	03/09/2023 15:32	sgs
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: Q5-EP 1 **York Sample ID:** 23C0335-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 10:30 am	03/07/2023

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
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	03/09/2023 07:02	03/09/2023 15:31	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	03/09/2023 07:02	03/09/2023 15:31	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	03/09/2023 07:02	03/09/2023 15:31	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	03/09/2023 07:02	03/09/2023 15:31	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	03/09/2023 07:02	03/09/2023 15:31	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	03/09/2023 07:02	03/09/2023 15:31	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	03/09/2023 07:02	03/09/2023 15:31	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	03/09/2023 07:02	03/09/2023 15:31	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	03/09/2023 07:02	03/09/2023 15:31	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.070	0.14	1	EPA 8260C	03/09/2023 07:02	03/09/2023 15:31	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
78-93-3	2-Butanone	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	03/09/2023 07:02	03/09/2023 15:31	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
67-64-1	**Acetone**	**0.056**	CCVE, ICVE	mg/kg dry	0.0070	0.014	1	EPA 8260C	03/09/2023 07:02	03/09/2023 15:31	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA			
71-43-2	Benzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	03/09/2023 07:02	03/09/2023 15:31	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	03/09/2023 07:02	03/09/2023 15:31	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			

Sample Information

Client Sample ID: Q5-EP 1 **York Sample ID:** 23C0335-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 10:30 am	03/07/2023

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
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 15:31	BMC
67-66-3	Chloroform	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 15:31	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 15:31	BMC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 15:31	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 15:31	BMC
75-09-2	Methylene chloride	ND		mg/kg dry	0.0070	0.014	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 15:31	BMC
91-20-3	Naphthalene	ND		mg/kg dry	0.0035	0.014	1	EPA 8260C Certifications:	03/09/2023 07:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/09/2023 15:31	BMC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 15:31	BMC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 15:31	BMC
95-47-6	o-Xylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/09/2023 15:31	BMC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0070	0.014	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/09/2023 15:31	BMC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 15:31	BMC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 15:31	BMC
127-18-4	**Tetrachloroethylene**	**0.015**		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	03/09/2023 15:31	BMC
108-88-3	Toluene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 15:31	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 15:31	BMC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 15:31	BMC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 15:31	BMC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.011	0.021	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	03/09/2023 15:31	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*115 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: Q5-EP 1 **York Sample ID:** 23C0335-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 10:30 am	03/07/2023

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:58 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:58 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:58 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:58 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:58 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:58 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:58 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:58 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:58 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:58 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:58 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:58 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:58 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:58 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:58 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:58 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:58 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:58 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:58 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:58 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
108-95-2	Phenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:58 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 10:58 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*65.2 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*65.3 %*	*23-114*

Sample Information

Client Sample ID: Q5-EP 1 **York Sample ID:** 23C0335-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 10:30 am	03/07/2023

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
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*101 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*79.2 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*93.3 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*95.6 %*			*24-116*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 03:25	BJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 03:25	BJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 03:25	BJ
309-00-2	Aldrin	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 03:25	BJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 03:25	BJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	03/08/2023 22:40 NELAC-NY10854,NJDEP	03/11/2023 03:25	BJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 03:25	BJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 03:25	BJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 03:25	BJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 03:25	BJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854	03/11/2023 03:25	BJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 03:25	BJ
72-20-8	Endrin	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 03:25	BJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 03:25	BJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 03:25	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*104 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*76.6 %*	*30-150*

Sample Information

Client Sample ID: Q5-EP 1 **York Sample ID:** 23C0335-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 10:30 am	03/07/2023

PCB, 8082 MASTER

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	03/08/2023 22:40	03/10/2023 21:24	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0186	1	EPA 8082A	03/08/2023 22:40	03/10/2023 21:24	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0186	1	EPA 8082A	03/08/2023 22:40	03/10/2023 21:24	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0186	1	EPA 8082A	03/08/2023 22:40	03/10/2023 21:24	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0186	1	EPA 8082A	03/08/2023 22:40	03/10/2023 21:24	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0186	1	EPA 8082A	03/08/2023 22:40	03/10/2023 21:24	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0186	1	EPA 8082A	03/08/2023 22:40	03/10/2023 21:24	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0186	1	EPA 8082A	03/08/2023 22:40	03/10/2023 21:24	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*78.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*79.0 %*	*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		mg/kg dry	0.0223	1	EPA 8151A	03/08/2023 08:15	03/09/2023 21:00	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*76.0 %*	*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	ND		mg/kg dry	1.40	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:29	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**42.2**		mg/kg dry	2.33	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:29	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**0.840**		mg/kg dry	0.047	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:29	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.280	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:29	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: Q5-EP 1 **York Sample ID:** 23C0335-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 10:30 am	03/07/2023

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**	**13.2**		mg/kg dry	0.467	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:29	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**15.1**		mg/kg dry	1.87	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:29	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**5.17**		mg/kg dry	0.467	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:29	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**279**		mg/kg dry	0.467	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:29	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**13.5**		mg/kg dry	0.930	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:29	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.33	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:29	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.471	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:29	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**33.8**		mg/kg dry	2.33	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:29	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0336	1	EPA 7473	03/10/2023 09:40	03/10/2023 16:12	BML
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

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	0.560	1	EPA 7196A	03/09/2023 08:23	03/09/2023 14:25	SMK
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

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**	**13.2**		mg/kg	0.500	1	Calculation	03/15/2023 10:35	03/15/2023 11:10	VR
							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	0.560	1	EPA 9014/9010C	03/09/2023 14:28	03/09/2023 19:39	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Sample Information

Client Sample ID: Q5-EP 1 **York Sample ID:** 23C0335-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 10:30 am	03/07/2023

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.2**		%	0.100	1	SM 2540G	03/09/2023 10:36	03/09/2023 15:32	sgs
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: Q5-EP 2 **York Sample ID:** 23C0335-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 10:35 am	03/07/2023

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
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/09/2023 07:02	03/09/2023 15:56	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/09/2023 07:02	03/09/2023 15:56	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/09/2023 07:02	03/09/2023 15:56	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/09/2023 07:02	03/09/2023 15:56	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/09/2023 07:02	03/09/2023 15:56	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/09/2023 07:02	03/09/2023 15:56	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/09/2023 07:02	03/09/2023 15:56	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/09/2023 07:02	03/09/2023 15:56	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/09/2023 07:02	03/09/2023 15:56	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.056	0.11	1	EPA 8260C	03/09/2023 07:02	03/09/2023 15:56	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
78-93-3	2-Butanone	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/09/2023 07:02	03/09/2023 15:56	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
67-64-1	**Acetone**	**0.016**	CCVE, ICVE	mg/kg dry	0.0056	0.011	1	EPA 8260C	03/09/2023 07:02	03/09/2023 15:56	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA			
71-43-2	Benzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/09/2023 07:02	03/09/2023 15:56	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/09/2023 07:02	03/09/2023 15:56	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			

Sample Information

Client Sample ID: Q5-EP 2 **York Sample ID:** 23C0335-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 10:35 am	03/07/2023

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
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 15:56	BMC
67-66-3	Chloroform	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 15:56	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 15:56	BMC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 15:56	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 15:56	BMC
75-09-2	Methylene chloride	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 15:56	BMC
91-20-3	Naphthalene	ND		mg/kg dry	0.0028	0.011	1	EPA 8260C Certifications:	03/09/2023 07:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/09/2023 15:56	BMC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 15:56	BMC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 15:56	BMC
95-47-6	o-Xylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/09/2023 15:56	BMC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/09/2023 15:56	BMC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 15:56	BMC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 15:56	BMC
127-18-4	**Tetrachloroethylene**	**0.011**		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	03/09/2023 15:56	BMC
108-88-3	Toluene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 15:56	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 15:56	BMC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 15:56	BMC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 15:56	BMC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0083	0.017	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	03/09/2023 15:56	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*116 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*109 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: Q5-EP 2 **York Sample ID:** 23C0335-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 10:35 am	03/07/2023

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270D Certifications:	03/09/2023 22:10	03/10/2023 11:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270D Certifications:	03/09/2023 22:10	03/10/2023 11:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270D Certifications:	03/09/2023 22:10	03/10/2023 11:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270D Certifications:	03/09/2023 22:10	03/10/2023 11:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270D Certifications:	03/09/2023 22:10	03/10/2023 11:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270D Certifications:	03/09/2023 22:10	03/10/2023 11:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270D Certifications:	03/09/2023 22:10	03/10/2023 11:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270D Certifications:	03/09/2023 22:10	03/10/2023 11:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270D Certifications:	03/09/2023 22:10	03/10/2023 11:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270D Certifications:	03/09/2023 22:10	03/10/2023 11:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270D Certifications:	03/09/2023 22:10	03/10/2023 11:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270D Certifications:	03/09/2023 22:10	03/10/2023 11:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270D Certifications:	03/09/2023 22:10	03/10/2023 11:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270D Certifications:	03/09/2023 22:10	03/10/2023 11:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270D Certifications:	03/09/2023 22:10	03/10/2023 11:34 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270D Certifications:	03/09/2023 22:10	03/10/2023 11:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270D Certifications:	03/09/2023 22:10	03/10/2023 11:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270D Certifications:	03/09/2023 22:10	03/10/2023 11:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0442	0.0883	2	EPA 8270D Certifications:	03/09/2023 22:10	03/10/2023 11:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270D Certifications:	03/09/2023 22:10	03/10/2023 11:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
108-95-2	Phenol	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270D Certifications:	03/09/2023 22:10	03/10/2023 11:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0442	0.0883	2	EPA 8270D Certifications:	03/09/2023 22:10	03/10/2023 11:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*64.7 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*65.3 %*	*23-114*

Sample Information

Client Sample ID: Q5-EP 2 **York Sample ID:** 23C0335-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 10:35 am	03/07/2023

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
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*95.4 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*73.7 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*90.8 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*91.4 %*			*24-116*						

PEST, 8081 MASTER

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	0.00170	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 03:43	BJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 03:43	BJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 03:43	BJ
309-00-2	Aldrin	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 03:43	BJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 03:43	BJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications:	03/08/2023 22:40 NELAC-NY10854,NJDEP	03/11/2023 03:43	BJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 03:43	BJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 03:43	BJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 03:43	BJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 03:43	BJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854	03/11/2023 03:43	BJ
1031-07-8	Endosulfan sulfate	ND	P	mg/kg dry	0.00170	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 03:43	BJ
72-20-8	Endrin	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 03:43	BJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 03:43	BJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 03:43	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*104 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*81.5 %*	*30-150*

Sample Information

Client Sample ID: **Q5-EP 2** **York Sample ID:** **23C0335-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 10:35 am	03/07/2023

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0172	1	EPA 8082A	03/08/2023 22:40	03/10/2023 21:38	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0172	1	EPA 8082A	03/08/2023 22:40	03/10/2023 21:38	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0172	1	EPA 8082A	03/08/2023 22:40	03/10/2023 21:38	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0172	1	EPA 8082A	03/08/2023 22:40	03/10/2023 21:38	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0172	1	EPA 8082A	03/08/2023 22:40	03/10/2023 21:38	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0172	1	EPA 8082A	03/08/2023 22:40	03/10/2023 21:38	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0172	1	EPA 8082A	03/08/2023 22:40	03/10/2023 21:38	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0172	1	EPA 8082A	03/08/2023 22:40	03/10/2023 21:38	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*94.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*85.5 %*	*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
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0212	1	EPA 8151A	03/08/2023 08:15	03/09/2023 21:11	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*77.0 %*	*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**	**1.76**		mg/kg dry	1.33	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:31	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**94.8**		mg/kg dry	2.21	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:31	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**0.548**		mg/kg dry	0.045	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:31	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.265	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:31	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: Q5-EP 2 **York Sample ID:** 23C0335-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 10:35 am	03/07/2023

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**	**8.75**		mg/kg dry	0.443	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:31	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**11.8**		mg/kg dry	1.77	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:31	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**4.19**		mg/kg dry	0.443	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:31	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**272**		mg/kg dry	0.443	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:31	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**12.0**		mg/kg dry	0.881	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:31	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.21	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:31	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.446	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:31	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**23.0**		mg/kg dry	2.20	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:31	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0319	1	EPA 7473	03/10/2023 09:40	03/10/2023 16:22	BML
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

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	0.531	1	EPA 7196A	03/09/2023 08:23	03/09/2023 14:25	SMK
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

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**	**8.75**		mg/kg	0.500	1	Calculation	03/15/2023 10:35	03/15/2023 11:10	VR
							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	0.531	1	EPA 9014/9010C	03/09/2023 14:28	03/09/2023 19:39	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Sample Information

Client Sample ID: Q5-EP 2 **York Sample ID:** 23C0335-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 10:35 am	03/07/2023

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**94.2**		%	0.100	1	SM 2540G	03/09/2023 10:36	03/09/2023 15:32	sgs
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: Q5-EP 3 **York Sample ID:** 23C0335-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 10:40 am	03/07/2023

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
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	03/09/2023 07:02	03/09/2023 16:22	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	03/09/2023 07:02	03/09/2023 16:22	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	03/09/2023 07:02	03/09/2023 16:22	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	03/09/2023 07:02	03/09/2023 16:22	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	03/09/2023 07:02	03/09/2023 16:22	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	03/09/2023 07:02	03/09/2023 16:22	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	03/09/2023 07:02	03/09/2023 16:22	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	03/09/2023 07:02	03/09/2023 16:22	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	03/09/2023 07:02	03/09/2023 16:22	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.066	0.13	1	EPA 8260C	03/09/2023 07:02	03/09/2023 16:22	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
78-93-3	2-Butanone	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	03/09/2023 07:02	03/09/2023 16:22	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
67-64-1	**Acetone**	**0.012**	J	mg/kg dry	0.0066	0.013	1	EPA 8260C	03/09/2023 07:02	03/09/2023 16:22	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA			
71-43-2	Benzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	03/09/2023 07:02	03/09/2023 16:22	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	03/09/2023 07:02	03/09/2023 16:22	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			

Sample Information

Client Sample ID: Q5-EP 3 **York Sample ID:** 23C0335-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 10:40 am	03/07/2023

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
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 16:22	BMC
67-66-3	Chloroform	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 16:22	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 16:22	BMC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 16:22	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 16:22	BMC
75-09-2	Methylene chloride	ND		mg/kg dry	0.0066	0.013	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 16:22	BMC
91-20-3	Naphthalene	ND		mg/kg dry	0.0033	0.013	1	EPA 8260C Certifications:	03/09/2023 07:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/09/2023 16:22	BMC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 16:22	BMC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 16:22	BMC
95-47-6	o-Xylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/09/2023 16:22	BMC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0066	0.013	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/09/2023 16:22	BMC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 16:22	BMC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 16:22	BMC
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 16:22	BMC
108-88-3	Toluene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 16:22	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 16:22	BMC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 16:22	BMC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 16:22	BMC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0099	0.020	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	03/09/2023 16:22	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*117 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.9 %*	*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: Q5-EP 3 **York Sample ID:** 23C0335-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 10:40 am	03/07/2023

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:09 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
108-95-2	Phenol	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*58.8 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*56.7 %*	*23-114*

Sample Information

Client Sample ID: Q5-EP 3 **York Sample ID:** 23C0335-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 10:40 am	03/07/2023

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
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*85.8 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*67.8 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*76.9 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*81.6 %*			*24-116*						

PEST, 8081 MASTER

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	0.00183	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 04:01	BJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 04:01	BJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 04:01	BJ
309-00-2	Aldrin	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 04:01	BJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 04:01	BJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	03/08/2023 22:40 NELAC-NY10854,NJDEP	03/11/2023 04:01	BJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 04:01	BJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 04:01	BJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 04:01	BJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 04:01	BJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854	03/11/2023 04:01	BJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 04:01	BJ
72-20-8	Endrin	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 04:01	BJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 04:01	BJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 04:01	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*91.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*73.1 %*	*30-150*

Sample Information

Client Sample ID: **Q5-EP 3** **York Sample ID:** **23C0335-15**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 10:40 am	03/07/2023

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0185	1	EPA 8082A	03/08/2023 22:40	03/10/2023 21:52	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0185	1	EPA 8082A	03/08/2023 22:40	03/10/2023 21:52	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0185	1	EPA 8082A	03/08/2023 22:40	03/10/2023 21:52	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0185	1	EPA 8082A	03/08/2023 22:40	03/10/2023 21:52	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0185	1	EPA 8082A	03/08/2023 22:40	03/10/2023 21:52	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0185	1	EPA 8082A	03/08/2023 22:40	03/10/2023 21:52	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0185	1	EPA 8082A	03/08/2023 22:40	03/10/2023 21:52	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0185	1	EPA 8082A	03/08/2023 22:40	03/10/2023 21:52	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*87.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*77.0 %*	*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		mg/kg dry	0.0225	1	EPA 8151A	03/08/2023 08:15	03/09/2023 21:22	BJ-
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

	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	ND		mg/kg dry	1.41	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:33	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**51.6**		mg/kg dry	2.35	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:33	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**0.845**		mg/kg dry	0.047	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:33	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.282	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:33	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: **Q5-EP 3** **York Sample ID:** **23C0335-15**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 10:40 am	03/07/2023

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**	**12.7**		mg/kg dry	0.471	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:33	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**18.9**		mg/kg dry	1.88	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:33	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**5.01**		mg/kg dry	0.471	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:33	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**243**		mg/kg dry	0.471	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:33	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**13.7**		mg/kg dry	0.937	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:33	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**2.63**	M-CCV 1	mg/kg dry	2.35	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:33	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.474	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:33	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**35.5**		mg/kg dry	2.34	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:33	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0339	1	EPA 7473	03/10/2023 09:40	03/10/2023 16:32	BML
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

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	0.564	1	EPA 7196A	03/09/2023 08:23	03/09/2023 14:25	SMK
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

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**	**12.7**		mg/kg	0.500	1	Calculation	03/15/2023 10:35	03/15/2023 11:10	VR
							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	0.564	1	EPA 9014/9010C	03/09/2023 14:28	03/09/2023 19:39	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Sample Information

Client Sample ID: Q5-EP 3 **York Sample ID:** 23C0335-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 10:40 am	03/07/2023

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**88.6**		%	0.100	1	SM 2540G	03/09/2023 10:36	03/09/2023 15:32	sgs
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: Q5-EP 4 **York Sample ID:** 23C0335-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 10:45 am	03/07/2023

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
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	03/09/2023 07:02	03/09/2023 16:48	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	03/09/2023 07:02	03/09/2023 16:48	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	03/09/2023 07:02	03/09/2023 16:48	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	03/09/2023 07:02	03/09/2023 16:48	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	03/09/2023 07:02	03/09/2023 16:48	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	03/09/2023 07:02	03/09/2023 16:48	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	03/09/2023 07:02	03/09/2023 16:48	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	03/09/2023 07:02	03/09/2023 16:48	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	03/09/2023 07:02	03/09/2023 16:48	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.053	0.11	1	EPA 8260C	03/09/2023 07:02	03/09/2023 16:48	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	03/09/2023 07:02	03/09/2023 16:48	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
67-64-1	**Acetone**	**0.023**	CCVE, ICVE	mg/kg dry	0.0053	0.011	1	EPA 8260C	03/09/2023 07:02	03/09/2023 16:48	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA			
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	03/09/2023 07:02	03/09/2023 16:48	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	03/09/2023 07:02	03/09/2023 16:48	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			

Sample Information

Client Sample ID: Q5-EP 4 **York Sample ID:** 23C0335-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 10:45 am	03/07/2023

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
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 16:48	BMC
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 16:48	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 16:48	BMC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 16:48	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 16:48	BMC
75-09-2	Methylene chloride	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 16:48	BMC
91-20-3	Naphthalene	ND		mg/kg dry	0.0027	0.011	1	EPA 8260C Certifications:	03/09/2023 07:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/09/2023 16:48	BMC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 16:48	BMC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 16:48	BMC
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/09/2023 16:48	BMC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/09/2023 16:48	BMC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 16:48	BMC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 16:48	BMC
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 16:48	BMC
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 16:48	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 16:48	BMC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 16:48	BMC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 16:48	BMC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0080	0.016	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	03/09/2023 16:48	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*116 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*110 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: Q5-EP 4 **York Sample ID:** 23C0335-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 10:45 am	03/07/2023

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:45 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
108-95-2	Phenol	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 12:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*44.6 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*44.2 %*	*23-114*

Sample Information

Client Sample ID: Q5-EP 4 **York Sample ID:** 23C0335-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 10:45 am	03/07/2023

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
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*62.2 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*52.0 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*56.8 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*61.6 %*			*24-116*						

PEST, 8081 MASTER

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:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 04:20	BJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 04:20	BJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 04:20	BJ
309-00-2	Aldrin	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 04:20	BJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 04:20	BJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	03/08/2023 22:40 NELAC-NY10854,NJDEP	03/11/2023 04:20	BJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 04:20	BJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 04:20	BJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 04:20	BJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 04:20	BJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854	03/11/2023 04:20	BJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 04:20	BJ
72-20-8	Endrin	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 04:20	BJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 04:20	BJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	03/08/2023 22:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 04:20	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*94.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*72.2 %*	*30-150*

Sample Information

Client Sample ID: Q5-EP 4 **York Sample ID:** 23C0335-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 10:45 am	03/07/2023

PCB, 8082 MASTER

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	0.0177	1	EPA 8082A Certifications:	03/08/2023 22:40 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	03/10/2023 22:32	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications:	03/08/2023 22:40 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	03/10/2023 22:32	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications:	03/08/2023 22:40 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	03/10/2023 22:32	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications:	03/08/2023 22:40 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	03/10/2023 22:32	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications:	03/08/2023 22:40 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	03/10/2023 22:32	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications:	03/08/2023 22:40 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	03/10/2023 22:32	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications:	03/08/2023 22:40 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	03/10/2023 22:32	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications:	03/08/2023 22:40	03/10/2023 22:32	BJ

Surrogate Recoveries		Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*84.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*73.5 %*	*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
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0217	1	EPA 8151A Certifications:	03/08/2023 08:15 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/09/2023 21:32	BJ-

Surrogate Recoveries		Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*81.6 %*	*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	ND		mg/kg dry	1.36	1	EPA 6010D Certifications:	03/10/2023 13:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/14/2023 10:35	CW
7440-39-3	**Barium**	**42.2**		mg/kg dry	2.27	1	EPA 6010D Certifications:	03/10/2023 13:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/14/2023 10:35	CW
7440-41-7	**Beryllium**	**0.873**		mg/kg dry	0.046	1	EPA 6010D Certifications:	03/10/2023 13:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/14/2023 10:35	CW
7440-43-9	Cadmium	ND		mg/kg dry	0.273	1	EPA 6010D Certifications:	03/10/2023 13:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/14/2023 10:35	CW

Sample Information

Client Sample ID: Q5-EP 4 **York Sample ID:** 23C0335-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 10:45 am	03/07/2023

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**	**11.5**		mg/kg dry	0.455	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:35	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**13.7**		mg/kg dry	1.82	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:35	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**4.43**		mg/kg dry	0.455	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:35	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**224**		mg/kg dry	0.455	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:35	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**11.5**		mg/kg dry	0.905	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:35	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.27	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:35	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.458	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:35	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**31.3**		mg/kg dry	2.26	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:35	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0327	1	EPA 7473	03/10/2023 09:40	03/10/2023 16:42	BML
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

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	0.545	1	EPA 7196A	03/09/2023 08:23	03/09/2023 14:25	SMK
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

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**	**11.5**		mg/kg	0.500	1	Calculation	03/15/2023 10:35	03/15/2023 11:10	VR
							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	0.545	1	EPA 9014/9010C	03/09/2023 14:28	03/09/2023 19:39	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Sample Information

Client Sample ID: Q5-EP 4 **York Sample ID:** 23C0335-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 10:45 am	03/07/2023

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**	**91.7**		%	0.100	1	SM 2540G	03/09/2023 10:36	03/09/2023 15:32	sgs
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: Q6-EP 1 **York Sample ID:** 23C0335-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 11:00 am	03/07/2023

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
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 17:13	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 17:13	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 17:13	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 17:13	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 17:13	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 17:13	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 17:13	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 17:13	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 17:13	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.054	0.11	1	EPA 8260C	03/09/2023 07:02	03/09/2023 17:13	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 17:13	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
67-64-1	**Acetone**	**0.030**	CCVE, ICVE	mg/kg dry	0.0054	0.011	1	EPA 8260C	03/09/2023 07:02	03/09/2023 17:13	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA			
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 17:13	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 17:13	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			

Sample Information

Client Sample ID: Q6-EP 1 **York Sample ID:** 23C0335-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 11:00 am	03/07/2023

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
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 17:13	BMC
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 17:13	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 17:13	BMC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 17:13	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 17:13	BMC
75-09-2	Methylene chloride	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 17:13	BMC
91-20-3	Naphthalene	ND		mg/kg dry	0.0027	0.011	1	EPA 8260C Certifications:	03/09/2023 07:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/09/2023 17:13	BMC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 17:13	BMC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 17:13	BMC
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/09/2023 17:13	BMC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/09/2023 17:13	BMC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 17:13	BMC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 17:13	BMC
127-18-4	**Tetrachloroethylene**	**0.0029**	J	mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	03/09/2023 17:13	BMC
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 17:13	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 17:13	BMC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 17:13	BMC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 17:13	BMC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0082	0.016	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	03/09/2023 17:13	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*113 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*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: Q6-EP 1 **York Sample ID:** 23C0335-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 11:00 am	03/07/2023

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:20 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:20 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:20 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:20 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:20 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:20 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:20 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:20 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:20 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:20 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:20 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:20 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:20 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:20 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:20 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:20 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:20 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:20 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0455	0.0908	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:20 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:20 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
108-95-2	Phenol	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:20 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:20 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*57.3 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*56.1 %*	*23-114*

Sample Information

Client Sample ID: Q6-EP 1 **York Sample ID:** 23C0335-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 11:00 am	03/07/2023

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
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*77.9 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*65.8 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*75.3 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*75.6 %*			*24-116*						

PEST, 8081 MASTER

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	0.00178	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 04:38	BJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 04:38	BJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 04:38	BJ
309-00-2	Aldrin	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 04:38	BJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 04:38	BJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	03/08/2023 08:22 NELAC-NY10854,NJDEP	03/11/2023 04:38	BJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 04:38	BJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 04:38	BJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 04:38	BJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 04:38	BJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854	03/11/2023 04:38	BJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 04:38	BJ
72-20-8	Endrin	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 04:38	BJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 04:38	BJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 04:38	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*72.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*56.6 %*	*30-150*

Sample Information

Client Sample ID: Q6-EP 1 **York Sample ID:** 23C0335-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 11:00 am	03/07/2023

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0182	1	EPA 8082A	03/10/2023 20:12	03/14/2023 17:59	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0182	1	EPA 8082A	03/10/2023 20:12	03/14/2023 17:59	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0182	1	EPA 8082A	03/10/2023 20:12	03/14/2023 17:59	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0182	1	EPA 8082A	03/10/2023 20:12	03/14/2023 17:59	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0182	1	EPA 8082A	03/10/2023 20:12	03/14/2023 17:59	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0182	1	EPA 8082A	03/10/2023 20:12	03/14/2023 17:59	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0182	1	EPA 8082A	03/10/2023 20:12	03/14/2023 17:59	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0182	1	EPA 8082A	03/10/2023 20:12	03/14/2023 17:59	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*93.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*83.5 %*	*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
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0220	1	EPA 8151A	03/08/2023 08:15	03/09/2023 21:43	BJ-
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*79.8 %*	*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**	**1.92**		mg/kg dry	1.38	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:37	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**46.0**		mg/kg dry	2.30	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:37	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	**Beryllium**	**0.960**		mg/kg dry	0.046	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:37	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/kg dry	0.277	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:37	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: Q6-EP 1 **York Sample ID:** 23C0335-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 11:00 am	03/07/2023

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**	**15.0**		mg/kg dry	0.461	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:37	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**15.8**		mg/kg dry	1.84	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:37	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**5.33**		mg/kg dry	0.461	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:37	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**285**		mg/kg dry	0.461	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:37	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**13.8**		mg/kg dry	0.918	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:37	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.30	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:37	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.465	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:37	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**35.5**		mg/kg dry	2.30	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:37	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0332	1	EPA 7473	03/10/2023 09:40	03/10/2023 16:52	BML
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

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	0.553	1	EPA 7196A	03/09/2023 08:23	03/09/2023 14:25	SMK
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

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**	**15.0**		mg/kg	0.500	1	Calculation	03/15/2023 10:35	03/15/2023 11:10	VR
							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	0.553	1	EPA 9014/9010C	03/09/2023 14:28	03/09/2023 19:39	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Sample Information

Client Sample ID: Q6-EP 1 **York Sample ID:** 23C0335-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 11:00 am	03/07/2023

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**	**90.4**		%	0.100	1	SM 2540G	03/09/2023 10:36	03/09/2023 15:32	sgs
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: Q6-EP 2 **York Sample ID:** 23C0335-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 11:05 am	03/07/2023

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
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 17:39	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 17:39	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 17:39	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 17:39	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 17:39	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 17:39	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 17:39	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 17:39	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 17:39	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.054	0.11	1	EPA 8260C	03/09/2023 07:02	03/09/2023 17:39	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 17:39	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
67-64-1	Acetone	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C	03/09/2023 07:02	03/09/2023 17:39	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 17:39	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 17:39	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			

Sample Information

Client Sample ID: Q6-EP 2 **York Sample ID:** 23C0335-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 11:05 am	03/07/2023

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
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 17:39	BMC
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 17:39	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 17:39	BMC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 17:39	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 17:39	BMC
75-09-2	Methylene chloride	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 17:39	BMC
91-20-3	Naphthalene	ND		mg/kg dry	0.0027	0.011	1	EPA 8260C Certifications:	03/09/2023 07:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/09/2023 17:39	BMC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 17:39	BMC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 17:39	BMC
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/09/2023 17:39	BMC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/09/2023 17:39	BMC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 17:39	BMC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 17:39	BMC
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 17:39	BMC
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 17:39	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 17:39	BMC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 17:39	BMC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 17:39	BMC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0081	0.016	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	03/09/2023 17:39	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*118 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*109 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: Q6-EP 2 **York Sample ID:** 23C0335-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 11:05 am	03/07/2023

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:56 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0471	0.0939	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
108-95-2	Phenol	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 13:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*54.7 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*51.9 %*	*23-114*

Sample Information

Client Sample ID: Q6-EP 2 **York Sample ID:** 23C0335-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 11:05 am	03/07/2023

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
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*81.1 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*61.9 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*75.2 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*79.0 %*			*24-116*						

PEST, 8081 MASTER

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	0.00189	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 05:33	BJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 05:33	BJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 05:33	BJ
309-00-2	Aldrin	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 05:33	BJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 05:33	BJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications:	03/08/2023 08:22 NELAC-NY10854,NJDEP	03/11/2023 05:33	BJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 05:33	BJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 05:33	BJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 05:33	BJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 05:33	BJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854	03/11/2023 05:33	BJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 05:33	BJ
72-20-8	Endrin	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 05:33	BJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 05:33	BJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 05:33	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*69.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*52.6 %*	*30-150*

Sample Information

Client Sample ID: Q6-EP 2 **York Sample ID:** 23C0335-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 11:05 am	03/07/2023

PCB, 8082 MASTER

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	0.0191	1	EPA 8082A	03/10/2023 20:12	03/14/2023 18:12	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0191	1	EPA 8082A	03/10/2023 20:12	03/14/2023 18:12	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0191	1	EPA 8082A	03/10/2023 20:12	03/14/2023 18:12	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0191	1	EPA 8082A	03/10/2023 20:12	03/14/2023 18:12	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0191	1	EPA 8082A	03/10/2023 20:12	03/14/2023 18:12	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0191	1	EPA 8082A	03/10/2023 20:12	03/14/2023 18:12	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0191	1	EPA 8082A	03/10/2023 20:12	03/14/2023 18:12	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0191	1	EPA 8082A	03/10/2023 20:12	03/14/2023 18:12	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*100 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*88.5 %*	*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
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0227	1	EPA 8151A	03/08/2023 08:15	03/09/2023 21:54	BJ-
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*80.0 %*	*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**	**2.24**		mg/kg dry	1.44	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:45	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**51.4**		mg/kg dry	2.39	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:45	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	**Beryllium**	**1.23**		mg/kg dry	0.048	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:45	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/kg dry	0.287	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:45	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: Q6-EP 2 **York Sample ID:** 23C0335-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 11:05 am	03/07/2023

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**	**21.1**		mg/kg dry	0.479	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:45	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**20.3**		mg/kg dry	1.91	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:45	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**9.39**		mg/kg dry	0.479	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:45	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**346**		mg/kg dry	0.479	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:45	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**17.9**		mg/kg dry	0.953	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:45	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.39	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:45	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.482	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:45	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**42.7**		mg/kg dry	2.38	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:45	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0345	1	EPA 7473	03/10/2023 09:40	03/10/2023 17:02	BML
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

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	0.574	1	EPA 7196A	03/09/2023 08:23	03/09/2023 14:25	SMK
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

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**	**21.1**		mg/kg	0.500	1	Calculation	03/15/2023 10:35	03/15/2023 11:10	VR
							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	0.574	1	EPA 9014/9010C	03/09/2023 14:28	03/09/2023 19:39	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Sample Information

Client Sample ID: Q6-EP 2 **York Sample ID:** 23C0335-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 11:05 am	03/07/2023

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	87.1		%	0.100	1	SM 2540G	03/09/2023 10:36	03/09/2023 15:32	sgs
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: Q6-EP 3 **York Sample ID:** 23C0335-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 11:10 am	03/07/2023

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
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 18:04	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 18:04	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 18:04	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 18:04	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 18:04	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 18:04	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 18:04	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 18:04	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 18:04	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.054	0.11	1	EPA 8260C	03/09/2023 07:02	03/09/2023 18:04	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 18:04	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
67-64-1	Acetone	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C	03/09/2023 07:02	03/09/2023 18:04	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 18:04	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/09/2023 07:02	03/09/2023 18:04	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			

Sample Information

Client Sample ID: Q6-EP 3 **York Sample ID:** 23C0335-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 11:10 am	03/07/2023

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
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 18:04	BMC
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 18:04	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 18:04	BMC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 18:04	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 18:04	BMC
75-09-2	Methylene chloride	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 18:04	BMC
91-20-3	Naphthalene	ND		mg/kg dry	0.0027	0.011	1	EPA 8260C Certifications:	03/09/2023 07:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/09/2023 18:04	BMC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 18:04	BMC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 18:04	BMC
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/09/2023 18:04	BMC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/09/2023 18:04	BMC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 18:04	BMC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 18:04	BMC
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 18:04	BMC
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 18:04	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 18:04	BMC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 18:04	BMC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 18:04	BMC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0082	0.016	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	03/09/2023 18:04	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*116 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*110 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: Q6-EP 3 **York Sample ID:** 23C0335-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 11:10 am	03/07/2023

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 14:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 14:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 14:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 14:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 14:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 14:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 14:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 14:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 14:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 14:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 14:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 14:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 14:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 14:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 14:32 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 14:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 14:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 14:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 14:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 14:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
108-95-2	Phenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 14:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/09/2023 08:33	03/10/2023 14:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*53.1 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*53.9 %*	*23-114*

Sample Information

Client Sample ID: Q6-EP 3 **York Sample ID:** 23C0335-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 11:10 am	03/07/2023

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
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*76.6 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*61.8 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*78.6 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*83.0 %*			*24-116*						

PEST, 8081 MASTER

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 Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 05:51	BJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 05:51	BJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 05:51	BJ
309-00-2	Aldrin	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 05:51	BJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 05:51	BJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	03/08/2023 08:22 NELAC-NY10854,NJDEP	03/11/2023 05:51	BJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 05:51	BJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 05:51	BJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 05:51	BJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 05:51	BJ
33213-65-9	Endosulfan II	ND	P	mg/kg dry	0.00180	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854	03/11/2023 05:51	BJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 05:51	BJ
72-20-8	Endrin	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 05:51	BJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 05:51	BJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 05:51	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*81.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*62.0 %*	*30-150*

Sample Information

Client Sample ID: Q6-EP 3 **York Sample ID:** 23C0335-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 11:10 am	03/07/2023

PCB, 8082 MASTER

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	0.0180	1	EPA 8082A	03/10/2023 20:12	03/14/2023 18:26	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0180	1	EPA 8082A	03/10/2023 20:12	03/14/2023 18:26	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0180	1	EPA 8082A	03/10/2023 20:12	03/14/2023 18:26	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0180	1	EPA 8082A	03/10/2023 20:12	03/14/2023 18:26	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0180	1	EPA 8082A	03/10/2023 20:12	03/14/2023 18:26	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0180	1	EPA 8082A	03/10/2023 20:12	03/14/2023 18:26	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0180	1	EPA 8082A	03/10/2023 20:12	03/14/2023 18:26	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0180	1	EPA 8082A	03/10/2023 20:12	03/14/2023 18:26	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*82.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*80.0 %*	*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		mg/kg dry	0.0214	1	EPA 8151A	03/08/2023 08:15	03/09/2023 22:05	BJ-
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*78.2 %*	*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**	**1.85**		mg/kg dry	1.38	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:47	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**45.8**		mg/kg dry	2.29	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:47	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	**Beryllium**	**0.933**		mg/kg dry	0.046	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:47	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/kg dry	0.275	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:47	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: Q6-EP 3 **York Sample ID:** 23C0335-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 11:10 am	03/07/2023

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**	**13.8**		mg/kg dry	0.459	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:47	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**15.1**		mg/kg dry	1.84	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:47	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**5.61**		mg/kg dry	0.459	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:47	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**297**		mg/kg dry	0.459	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:47	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**11.9**		mg/kg dry	0.914	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:47	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.29	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:47	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.462	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:47	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**32.1**		mg/kg dry	2.28	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:47	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0330	1	EPA 7473	03/10/2023 09:40	03/10/2023 17:12	BML
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

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	0.551	1	EPA 7196A	03/09/2023 08:23	03/09/2023 14:25	SMK
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

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**	**13.8**		mg/kg	0.500	1	Calculation	03/15/2023 10:35	03/15/2023 11:10	VR
							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	0.551	1	EPA 9014/9010C	03/09/2023 14:28	03/09/2023 19:39	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Sample Information

Client Sample ID: **Q6-EP 3** **York Sample ID:** **23C0335-19**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 11:10 am	03/07/2023

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**	**90.8**		%	0.100	1	SM 2540G	03/09/2023 10:36	03/09/2023 15:32	sgs
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: **Dupe** **York Sample ID:** **23C0335-20**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 7:00 am	03/07/2023

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
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	03/09/2023 07:02	03/09/2023 18:30	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	03/09/2023 07:02	03/09/2023 18:30	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	03/09/2023 07:02	03/09/2023 18:30	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	03/09/2023 07:02	03/09/2023 18:30	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	03/09/2023 07:02	03/09/2023 18:30	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	03/09/2023 07:02	03/09/2023 18:30	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	03/09/2023 07:02	03/09/2023 18:30	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	03/09/2023 07:02	03/09/2023 18:30	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	03/09/2023 07:02	03/09/2023 18:30	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.060	0.12	1	EPA 8260C	03/09/2023 07:02	03/09/2023 18:30	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
78-93-3	2-Butanone	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	03/09/2023 07:02	03/09/2023 18:30	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
67-64-1	**Acetone**	**0.0079**	J	mg/kg dry	0.0060	0.012	1	EPA 8260C	03/09/2023 07:02	03/09/2023 18:30	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA			
71-43-2	Benzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	03/09/2023 07:02	03/09/2023 18:30	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	03/09/2023 07:02	03/09/2023 18:30	BMC
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			

Sample Information

Client Sample ID: Dupe

York Sample ID: 23C0335-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 7:00 am	03/07/2023

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
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 18:30	BMC
67-66-3	Chloroform	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 18:30	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 18:30	BMC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 18:30	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 18:30	BMC
75-09-2	Methylene chloride	ND		mg/kg dry	0.0060	0.012	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 18:30	BMC
91-20-3	Naphthalene	ND		mg/kg dry	0.0030	0.012	1	EPA 8260C Certifications:	03/09/2023 07:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/09/2023 18:30	BMC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 18:30	BMC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 18:30	BMC
95-47-6	o-Xylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/09/2023 18:30	BMC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0060	0.012	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/09/2023 18:30	BMC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 18:30	BMC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 18:30	BMC
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 18:30	BMC
108-88-3	Toluene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 18:30	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 18:30	BMC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 18:30	BMC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/09/2023 18:30	BMC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0090	0.018	1	EPA 8260C Certifications:	03/09/2023 07:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	03/09/2023 18:30	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*116 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*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: Dupe

York Sample ID: 23C0335-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 7:00 am	03/07/2023

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0703	0.140	2	EPA 8270D Certifications:	03/09/2023 19:40	03/10/2023 14:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0703	0.140	2	EPA 8270D Certifications:	03/09/2023 19:40	03/10/2023 14:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0703	0.140	2	EPA 8270D Certifications:	03/09/2023 19:40	03/10/2023 14:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0703	0.140	2	EPA 8270D Certifications:	03/09/2023 19:40	03/10/2023 14:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0703	0.140	2	EPA 8270D Certifications:	03/09/2023 19:40	03/10/2023 14:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0703	0.140	2	EPA 8270D Certifications:	03/09/2023 19:40	03/10/2023 14:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0703	0.140	2	EPA 8270D Certifications:	03/09/2023 19:40	03/10/2023 14:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0703	0.140	2	EPA 8270D Certifications:	03/09/2023 19:40	03/10/2023 14:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	Benzo(g,h,i)perylene	ND	CCVE	mg/kg dry	0.0703	0.140	2	EPA 8270D Certifications:	03/09/2023 19:40	03/10/2023 14:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0703	0.140	2	EPA 8270D Certifications:	03/09/2023 19:40	03/10/2023 14:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0703	0.140	2	EPA 8270D Certifications:	03/09/2023 19:40	03/10/2023 14:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	Dibenzo(a,h)anthracene	ND	CCVE	mg/kg dry	0.0703	0.140	2	EPA 8270D Certifications:	03/09/2023 19:40	03/10/2023 14:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0703	0.140	2	EPA 8270D Certifications:	03/09/2023 19:40	03/10/2023 14:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0703	0.140	2	EPA 8270D Certifications:	03/09/2023 19:40	03/10/2023 14:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0703	0.140	2	EPA 8270D Certifications:	03/09/2023 19:40	03/10/2023 14:16 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0703	0.140	2	EPA 8270D Certifications:	03/09/2023 19:40	03/10/2023 14:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0703	0.140	2	EPA 8270D Certifications:	03/09/2023 19:40	03/10/2023 14:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0703	0.140	2	EPA 8270D Certifications:	03/09/2023 19:40	03/10/2023 14:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
87-86-5	Pentachlorophenol	ND	CCVE, CAL-E	mg/kg dry	0.0703	0.140	2	EPA 8270D Certifications:	03/09/2023 19:40	03/10/2023 14:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0703	0.140	2	EPA 8270D Certifications:	03/09/2023 19:40	03/10/2023 14:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
108-95-2	Phenol	ND		mg/kg dry	0.0703	0.140	2	EPA 8270D Certifications:	03/09/2023 19:40	03/10/2023 14:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0703	0.140	2	EPA 8270D Certifications:	03/09/2023 19:40	03/10/2023 14:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*56.2 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*54.7 %*	*23-114*

Sample Information

Client Sample ID: **Dupe** **York Sample ID:** **23C0335-20**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 7:00 am	03/07/2023

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
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*57.8 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*58.6 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*62.5 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*78.5 %*			*24-116*						

PEST, 8081 MASTER

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:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 06:09	BJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 06:09	BJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 06:09	BJ
309-00-2	Aldrin	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 06:09	BJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 06:09	BJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications:	03/08/2023 08:22 NELAC-NY10854,NJDEP	03/11/2023 06:09	BJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 06:09	BJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 06:09	BJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 06:09	BJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 06:09	BJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854	03/11/2023 06:09	BJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 06:09	BJ
72-20-8	Endrin	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 06:09	BJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 06:09	BJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications:	03/08/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/11/2023 06:09	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*88.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*69.5 %*	*30-150*

Sample Information

Client Sample ID: Dupe **York Sample ID:** 23C0335-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 7:00 am	03/07/2023

PCB, 8082 MASTER

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	0.0188	1	EPA 8082A Certifications:	03/10/2023 20:12 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	03/14/2023 18:40	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0188	1	EPA 8082A Certifications:	03/10/2023 20:12 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	03/14/2023 18:40	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0188	1	EPA 8082A Certifications:	03/10/2023 20:12 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	03/14/2023 18:40	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0188	1	EPA 8082A Certifications:	03/10/2023 20:12 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	03/14/2023 18:40	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0188	1	EPA 8082A Certifications:	03/10/2023 20:12 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	03/14/2023 18:40	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0188	1	EPA 8082A Certifications:	03/10/2023 20:12 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	03/14/2023 18:40	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0188	1	EPA 8082A Certifications:	03/10/2023 20:12 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	03/14/2023 18:40	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0188	1	EPA 8082A Certifications:	03/10/2023 20:12	03/14/2023 18:40	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*83.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*75.0 %*	*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		mg/kg dry	0.0222	1	EPA 8151A Certifications:	03/08/2023 08:15 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/09/2023 22:15	BJ-

	Surrogate Recoveries	Result		Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*19.2 %*	S-04, S-08	*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**	**2.05**		mg/kg dry	1.42	1	EPA 6010D Certifications:	03/10/2023 13:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/14/2023 10:49	CW
7440-39-3	**Barium**	**26.9**		mg/kg dry	2.37	1	EPA 6010D Certifications:	03/10/2023 13:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/14/2023 10:49	CW
7440-41-7	**Beryllium**	**0.836**		mg/kg dry	0.048	1	EPA 6010D Certifications:	03/10/2023 13:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/14/2023 10:49	CW
7440-43-9	Cadmium	ND		mg/kg dry	0.284	1	EPA 6010D Certifications:	03/10/2023 13:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	03/14/2023 10:49	CW

Sample Information

Client Sample ID: Dupe

York Sample ID: 23C0335-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 7:00 am	03/07/2023

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**	**12.5**		mg/kg dry	0.474	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:49	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**16.5**		mg/kg dry	1.90	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:49	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**4.80**		mg/kg dry	0.474	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:49	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**215**		mg/kg dry	0.474	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:49	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**12.0**		mg/kg dry	0.944	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:49	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.37	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:49	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.478	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:49	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**29.8**		mg/kg dry	2.36	1	EPA 6010D	03/10/2023 13:59	03/14/2023 10:49	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0341	1	EPA 7473	03/10/2023 09:40	03/10/2023 17:22	BML
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

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	0.569	1	EPA 7196A	03/09/2023 08:23	03/09/2023 14:25	SMK
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

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**	**12.5**		mg/kg	0.500	1	Calculation	03/15/2023 10:35	03/15/2023 11:10	VR
							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	0.569	1	EPA 9014/9010C	03/09/2023 14:28	03/09/2023 19:39	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Sample Information

Client Sample ID: **Dupe** **York Sample ID:** **23C0335-20**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 7:00 am	03/07/2023

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**	**87.9**		%	0.100	1	SM 2540G	03/09/2023 10:36	03/09/2023 15:32	sgs
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **23C0335-21**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Water	March 6, 2023 7:00 am	03/07/2023

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C	03/10/2023 06:35	03/12/2023 10:37	JTG
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C	03/10/2023 06:35	03/12/2023 10:37	JTG
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C	03/10/2023 06:35	03/12/2023 10:37	JTG
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C	03/10/2023 06:35	03/12/2023 10:37	JTG
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C	03/10/2023 06:35	03/12/2023 10:37	JTG
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C	03/10/2023 06:35	03/12/2023 10:37	JTG
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C	03/10/2023 06:35	03/12/2023 10:37	JTG
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C	03/10/2023 06:35	03/12/2023 10:37	JTG
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C	03/10/2023 06:35	03/12/2023 10:37	JTG
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260C	03/10/2023 06:35	03/12/2023 10:37	JTG
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C	03/10/2023 06:35	03/12/2023 10:37	JTG
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260C	03/10/2023 06:35	03/12/2023 10:37	JTG
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C	03/10/2023 06:35	03/12/2023 10:37	JTG
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C	03/10/2023 06:35	03/12/2023 10:37	JTG
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			

Sample Information

Client Sample ID: Trip Blank

York Sample ID: 23C0335-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0335	27-09 40th Ave, LIC, NY 19-401.3	Water	March 6, 2023 7:00 am	03/07/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	03/10/2023 06:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/12/2023 10:37	JTG
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	03/10/2023 06:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/12/2023 10:37	JTG
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C Certifications:	03/10/2023 06:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/12/2023 10:37	JTG
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	03/10/2023 06:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/12/2023 10:37	JTG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	03/10/2023 06:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/12/2023 10:37	JTG
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications:	03/10/2023 06:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/12/2023 10:37	JTG
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C Certifications:	03/10/2023 06:35 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/12/2023 10:37	JTG
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	03/10/2023 06:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/12/2023 10:37	JTG
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	03/10/2023 06:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/12/2023 10:37	JTG
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	03/10/2023 06:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/12/2023 10:37	JTG
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	03/10/2023 06:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	03/12/2023 10:37	JTG
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	03/10/2023 06:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/12/2023 10:37	JTG
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	03/10/2023 06:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/12/2023 10:37	JTG
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260C Certifications:	03/10/2023 06:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/12/2023 10:37	JTG
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	03/10/2023 06:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/12/2023 10:37	JTG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	03/10/2023 06:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/12/2023 10:37	JTG
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	03/10/2023 06:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/12/2023 10:37	JTG
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications:	03/10/2023 06:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	03/12/2023 10:37	JTG
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications:	03/10/2023 06:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	03/12/2023 10:37	JTG

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*110 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.4 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*110 %*	*79-122*

Analytical Batch Summary

Batch ID: BC30483 **Preparation Method:** EPA 3550C/8151A **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
23C0335-06	Q2-EP 3	03/08/23
23C0335-07	Q2-EP 4	03/08/23
23C0335-08	Q3-EP 1	03/08/23
23C0335-09	Q3-EP 2	03/08/23
23C0335-11	Q4-EP 1	03/08/23
23C0335-12	Q4-EP 2	03/08/23
23C0335-13	Q5-EP 1	03/08/23
23C0335-14	Q5-EP 2	03/08/23
23C0335-15	Q5-EP 3	03/08/23
23C0335-16	Q5-EP 4	03/08/23
23C0335-17	Q6-EP 1	03/08/23
23C0335-18	Q6-EP 2	03/08/23
23C0335-19	Q6-EP 3	03/08/23
23C0335-20	Dupe	03/08/23
BC30483-BLK1	Blank	03/08/23
BC30483-BS1	LCS	03/08/23
BC30483-MS1	Matrix Spike	03/08/23
BC30483-MSD1	Matrix Spike Dup	03/08/23

Batch ID: BC30490 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
23C0335-17	Q6-EP 1	03/08/23
23C0335-18	Q6-EP 2	03/08/23
23C0335-19	Q6-EP 3	03/08/23
23C0335-20	Dupe	03/08/23
BC30490-BLK1	Blank	03/08/23
BC30490-BS1	LCS	03/08/23

Batch ID: BC30498 **Preparation Method:** EPA 3550C/8151A **Prepared By:** JES

YORK Sample ID	Client Sample ID	Preparation Date
23C0335-01	Q1-EP 1	03/08/23
23C0335-02	Q1-EP 2	03/08/23
23C0335-03	Q1-EP 3	03/08/23
23C0335-04	Q2-EP 1	03/08/23
23C0335-05	Q2-EP 2	03/08/23
23C0335-10	Q3-EP 3	03/08/23
BC30498-BLK1	Blank	03/08/23
BC30498-BS1	LCS	03/08/23
BC30498-MS1	Matrix Spike	03/08/23
BC30498-MSD1	Matrix Spike Dup	03/08/23

Batch ID: BC30500 **Preparation Method:** EPA 3550C **Prepared By:** JES

YORK Sample ID	Client Sample ID	Preparation Date
23C0335-01	Q1-EP 1	03/08/23
23C0335-01	Q1-EP 1	03/08/23
23C0335-02	Q1-EP 2	03/08/23
23C0335-02	Q1-EP 2	03/08/23
23C0335-03	Q1-EP 3	03/08/23
23C0335-03	Q1-EP 3	03/08/23
23C0335-04	Q2-EP 1	03/08/23
23C0335-04	Q2-EP 1	03/08/23
23C0335-05	Q2-EP 2	03/08/23
23C0335-05	Q2-EP 2	03/08/23
23C0335-06	Q2-EP 3	03/08/23
23C0335-06	Q2-EP 3	03/08/23
23C0335-07	Q2-EP 4	03/08/23
23C0335-07	Q2-EP 4	03/08/23
23C0335-08	Q3-EP 1	03/08/23
23C0335-08	Q3-EP 1	03/08/23
23C0335-09	Q3-EP 2	03/08/23
23C0335-09	Q3-EP 2	03/08/23
23C0335-10	Q3-EP 3	03/08/23
23C0335-10	Q3-EP 3	03/08/23
23C0335-11	Q4-EP 1	03/08/23
23C0335-11	Q4-EP 1	03/08/23
23C0335-12	Q4-EP 2	03/08/23
23C0335-12	Q4-EP 2	03/08/23
23C0335-13	Q5-EP 1	03/08/23
23C0335-13	Q5-EP 1	03/08/23
23C0335-14	Q5-EP 2	03/08/23
23C0335-14	Q5-EP 2	03/08/23
23C0335-15	Q5-EP 3	03/08/23
23C0335-15	Q5-EP 3	03/08/23
23C0335-16	Q5-EP 4	03/08/23
23C0335-16	Q5-EP 4	03/08/23
BC30500-BLK1	Blank	03/08/23
BC30500-BLK2	Blank	03/08/23
BC30500-BS1	LCS	03/08/23
BC30500-BS2	LCS	03/08/23
BC30500-MS2	Matrix Spike	03/08/23
BC30500-MSD2	Matrix Spike Dup	03/08/23

Batch ID: BC30534 **Preparation Method:** Analysis Preparation Soil **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
23C0335-01	Q1-EP 1	03/08/23
23C0335-02	Q1-EP 2	03/08/23
23C0335-03	Q1-EP 3	03/08/23
23C0335-04	Q2-EP 1	03/08/23
23C0335-05	Q2-EP 2	03/08/23
23C0335-06	Q2-EP 3	03/08/23
23C0335-07	Q2-EP 4	03/08/23

23C0335-08	Q3-EP 1	03/08/23
23C0335-09	Q3-EP 2	03/08/23
23C0335-10	Q3-EP 3	03/08/23
23C0335-11	Q4-EP 1	03/08/23
BC30534-BLK1	Blank	03/08/23
BC30534-DUP1	Duplicate	03/08/23
BC30534-MS1	Matrix Spike	03/08/23
BC30534-SRM1	Reference	03/08/23

Batch ID: BC30538 **Preparation Method:** EPA SW846-3060 **Prepared By:** SMK

YORK Sample ID	Client Sample ID	Preparation Date
23C0335-01	Q1-EP 1	03/08/23
23C0335-02	Q1-EP 2	03/08/23
23C0335-03	Q1-EP 3	03/08/23
23C0335-04	Q2-EP 1	03/08/23
23C0335-05	Q2-EP 2	03/08/23
23C0335-06	Q2-EP 3	03/08/23
23C0335-07	Q2-EP 4	03/08/23
23C0335-08	Q3-EP 1	03/08/23
23C0335-09	Q3-EP 2	03/08/23
23C0335-10	Q3-EP 3	03/08/23
23C0335-11	Q4-EP 1	03/08/23
23C0335-12	Q4-EP 2	03/08/23
BC30538-BLK1	Blank	03/08/23
BC30538-DUP1	Duplicate	03/08/23
BC30538-MS1	Matrix Spike	03/08/23
BC30538-SRM1	Reference	03/08/23

Batch ID: BC30571 **Preparation Method:** EPA 3550C **Prepared By:** JES

YORK Sample ID	Client Sample ID	Preparation Date
23C0335-20	Dupe	03/09/23
BC30571-BLK1	Blank	03/09/23
BC30571-BS1	LCS	03/09/23
BC30571-MS1	Matrix Spike	03/09/23
BC30571-MSD1	Matrix Spike Dup	03/09/23

Batch ID: BC30572 **Preparation Method:** EPA SW846-3060 **Prepared By:** SMK

YORK Sample ID	Client Sample ID	Preparation Date
23C0335-13	Q5-EP 1	03/09/23
23C0335-14	Q5-EP 2	03/09/23
23C0335-15	Q5-EP 3	03/09/23
23C0335-16	Q5-EP 4	03/09/23
23C0335-17	Q6-EP 1	03/09/23
23C0335-18	Q6-EP 2	03/09/23
23C0335-19	Q6-EP 3	03/09/23
23C0335-20	Dupe	03/09/23
BC30572-BLK1	Blank	03/09/23

BC30572-DUP1	Duplicate	03/09/23
BC30572-MS1	Matrix Spike	03/09/23
BC30572-SRM1	Reference	03/09/23

Batch ID: BC30578 **Preparation Method:** EPA 3550C **Prepared By:** JES

YORK Sample ID	Client Sample ID	Preparation Date
23C0335-01	Q1-EP 1	03/09/23
23C0335-02	Q1-EP 2	03/09/23
23C0335-03	Q1-EP 3	03/09/23
23C0335-04	Q2-EP 1	03/09/23
23C0335-05	Q2-EP 2	03/09/23
23C0335-06	Q2-EP 3	03/09/23
23C0335-07	Q2-EP 4	03/09/23
23C0335-08	Q3-EP 1	03/09/23
23C0335-09	Q3-EP 2	03/09/23
23C0335-10	Q3-EP 3	03/09/23
23C0335-11	Q4-EP 1	03/09/23
23C0335-12	Q4-EP 2	03/09/23
23C0335-13	Q5-EP 1	03/09/23
23C0335-14	Q5-EP 2	03/09/23
23C0335-15	Q5-EP 3	03/09/23
23C0335-16	Q5-EP 4	03/09/23
23C0335-17	Q6-EP 1	03/09/23
23C0335-18	Q6-EP 2	03/09/23
23C0335-19	Q6-EP 3	03/09/23
BC30578-BLK1	Blank	03/09/23
BC30578-BS1	LCS	03/09/23

Batch ID: BC30580 **Preparation Method:** EPA 5035A **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
23C0335-01	Q1-EP 1	03/09/23
23C0335-02	Q1-EP 2	03/09/23
23C0335-03	Q1-EP 3	03/09/23
23C0335-04	Q2-EP 1	03/09/23
23C0335-05	Q2-EP 2	03/09/23
23C0335-06	Q2-EP 3	03/09/23
23C0335-07	Q2-EP 4	03/09/23
23C0335-08	Q3-EP 1	03/09/23
23C0335-09	Q3-EP 2	03/09/23
23C0335-10	Q3-EP 3	03/09/23
23C0335-11	Q4-EP 1	03/09/23
23C0335-12	Q4-EP 2	03/09/23
23C0335-13	Q5-EP 1	03/09/23
23C0335-14	Q5-EP 2	03/09/23
23C0335-15	Q5-EP 3	03/09/23
23C0335-16	Q5-EP 4	03/09/23
23C0335-17	Q6-EP 1	03/09/23
23C0335-18	Q6-EP 2	03/09/23
23C0335-19	Q6-EP 3	03/09/23

23C0335-20	Dupe	03/09/23
BC30580-BLK1	Blank	03/09/23
BC30580-BS1	LCS	03/09/23
BC30580-BSD1	LCS Dup	03/09/23

Batch ID: BC30601 **Preparation Method:** % Solids Prep **Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date
23C0335-01	Q1-EP 1	03/09/23
23C0335-02	Q1-EP 2	03/09/23
23C0335-03	Q1-EP 3	03/09/23
23C0335-04	Q2-EP 1	03/09/23
23C0335-05	Q2-EP 2	03/09/23
23C0335-06	Q2-EP 3	03/09/23
23C0335-07	Q2-EP 4	03/09/23
23C0335-08	Q3-EP 1	03/09/23
23C0335-09	Q3-EP 2	03/09/23
23C0335-10	Q3-EP 3	03/09/23
23C0335-11	Q4-EP 1	03/09/23
23C0335-12	Q4-EP 2	03/09/23
23C0335-13	Q5-EP 1	03/09/23
23C0335-14	Q5-EP 2	03/09/23
23C0335-15	Q5-EP 3	03/09/23
23C0335-16	Q5-EP 4	03/09/23
23C0335-17	Q6-EP 1	03/09/23
23C0335-18	Q6-EP 2	03/09/23
23C0335-19	Q6-EP 3	03/09/23
23C0335-20	Dupe	03/09/23
BC30601-DUP1	Duplicate	03/09/23

Batch ID: BC30625 **Preparation Method:** Analysis Preparation Soil **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
23C0335-12	Q4-EP 2	03/09/23
23C0335-13	Q5-EP 1	03/09/23
23C0335-14	Q5-EP 2	03/09/23
23C0335-15	Q5-EP 3	03/09/23
23C0335-16	Q5-EP 4	03/09/23
23C0335-17	Q6-EP 1	03/09/23
23C0335-18	Q6-EP 2	03/09/23
23C0335-19	Q6-EP 3	03/09/23
23C0335-20	Dupe	03/09/23
BC30625-BLK1	Blank	03/09/23
BC30625-DUP1	Duplicate	03/09/23
BC30625-MS1	Matrix Spike	03/09/23
BC30625-SRM1	Reference	03/09/23

Batch ID: BC30688 **Preparation Method:** EPA 7473 soil **Prepared By:** BML

YORK Sample ID	Client Sample ID	Preparation Date

23C0335-01	Q1-EP 1	03/10/23
23C0335-02	Q1-EP 2	03/10/23
23C0335-03	Q1-EP 3	03/10/23
23C0335-04	Q2-EP 1	03/10/23
23C0335-05	Q2-EP 2	03/10/23
23C0335-06	Q2-EP 3	03/10/23
23C0335-07	Q2-EP 4	03/10/23
23C0335-08	Q3-EP 1	03/10/23
23C0335-09	Q3-EP 2	03/10/23
23C0335-11	Q4-EP 1	03/10/23
23C0335-12	Q4-EP 2	03/10/23
23C0335-13	Q5-EP 1	03/10/23
23C0335-14	Q5-EP 2	03/10/23
23C0335-15	Q5-EP 3	03/10/23
23C0335-16	Q5-EP 4	03/10/23
23C0335-17	Q6-EP 1	03/10/23
23C0335-18	Q6-EP 2	03/10/23
23C0335-19	Q6-EP 3	03/10/23
23C0335-20	Dupe	03/10/23
BC30688-BLK1	Blank	03/10/23
BC30688-DUP1	Duplicate	03/10/23
BC30688-MS1	Matrix Spike	03/10/23
BC30688-SRM1	Reference	03/10/23

Batch ID: BC30711 **Preparation Method:** EPA 3550C **Prepared By:** JES

YORK Sample ID	Client Sample ID	Preparation Date
23C0335-17	Q6-EP 1	03/10/23
23C0335-18	Q6-EP 2	03/10/23
23C0335-19	Q6-EP 3	03/10/23
23C0335-20	Dupe	03/10/23
BC30711-BLK1	Blank	03/10/23
BC30711-BS1	LCS	03/10/23
BC30711-MS1	Matrix Spike	03/10/23
BC30711-MSD1	Matrix Spike Dup	03/10/23

Batch ID: BC30718 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
23C0335-01	Q1-EP 1	03/10/23
23C0335-02	Q1-EP 2	03/10/23
23C0335-03	Q1-EP 3	03/10/23
BC30718-BLK1	Blank	03/10/23
BC30718-DUP1	Duplicate	03/10/23
BC30718-MS1	Matrix Spike	03/10/23
BC30718-PS1	Post Spike	03/10/23
BC30718-SRM1	Reference	03/10/23

Batch ID: BC30719 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
23C0335-04	Q2-EP 1	03/10/23
23C0335-05	Q2-EP 2	03/10/23
23C0335-06	Q2-EP 3	03/10/23
23C0335-07	Q2-EP 4	03/10/23
23C0335-08	Q3-EP 1	03/10/23
23C0335-09	Q3-EP 2	03/10/23
23C0335-10	Q3-EP 3	03/10/23
23C0335-11	Q4-EP 1	03/10/23
23C0335-12	Q4-EP 2	03/10/23
23C0335-13	Q5-EP 1	03/10/23
23C0335-14	Q5-EP 2	03/10/23
23C0335-15	Q5-EP 3	03/10/23
23C0335-16	Q5-EP 4	03/10/23
23C0335-17	Q6-EP 1	03/10/23
23C0335-18	Q6-EP 2	03/10/23
23C0335-19	Q6-EP 3	03/10/23
23C0335-20	Dupe	03/10/23
BC30719-BLK1	Blank	03/10/23
BC30719-DUP1	Duplicate	03/10/23
BC30719-MS1	Matrix Spike	03/10/23
BC30719-PS1	Post Spike	03/10/23
BC30719-SRM1	Reference	03/10/23

Batch ID: BC30721 **Preparation Method:** EPA 7473 soil **Prepared By:** BML

YORK Sample ID	Client Sample ID	Preparation Date
23C0335-10	Q3-EP 3	03/10/23
BC30721-BLK1	Blank	03/10/23
BC30721-DUP1	Duplicate	03/10/23
BC30721-MS1	Matrix Spike	03/10/23
BC30721-SRM1	Reference	03/10/23

Batch ID: BC30858 **Preparation Method:** EPA 5030B **Prepared By:** JTG

YORK Sample ID	Client Sample ID	Preparation Date
23C0335-21	Trip Blank	03/10/23
BC30858-BLK1	Blank	03/10/23
BC30858-BS1	LCS	03/10/23
BC30858-BSD1	LCS Dup	03/10/23

Batch ID: BC31023 **Preparation Method:** Analysis Preparation **Prepared By:** VR

YORK Sample ID	Client Sample ID	Preparation Date
23C0335-01	Q1-EP 1	03/15/23
23C0335-02	Q1-EP 2	03/15/23
23C0335-03	Q1-EP 3	03/15/23
23C0335-04	Q2-EP 1	03/15/23
23C0335-05	Q2-EP 2	03/15/23
23C0335-06	Q2-EP 3	03/15/23

23C0335-07	Q2-EP 4	03/15/23
23C0335-08	Q3-EP 1	03/15/23
23C0335-09	Q3-EP 2	03/15/23
23C0335-10	Q3-EP 3	03/15/23
23C0335-11	Q4-EP 1	03/15/23
23C0335-12	Q4-EP 2	03/15/23
23C0335-13	Q5-EP 1	03/15/23
23C0335-14	Q5-EP 2	03/15/23
23C0335-15	Q5-EP 3	03/15/23
23C0335-16	Q5-EP 4	03/15/23
23C0335-17	Q6-EP 1	03/15/23
23C0335-18	Q6-EP 2	03/15/23
23C0335-19	Q6-EP 3	03/15/23
23C0335-20	Dupe	03/15/23

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 BC30580 - EPA 5035A											
Blank (BC30580-BLK1)									Prepared & Analyzed: 03/09/2023		
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	*54.7*		*ug/L*	*50.0*		*109*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.7*		*"*	*50.0*		*101*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*55.4*		*"*	*50.0*		*111*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30580 - EPA 5035A											
LCS (BC30580-BS1)							Prepared & Analyzed: 03/09/2023				
1,1,1-Trichloroethane	51.9		ug/L	50.0		104	71-137				
1,1-Dichloroethane	47.4		"	50.0		94.8	75-130				
1,1-Dichloroethylene	49.4		"	50.0		98.8	64-137				
1,2,4-Trimethylbenzene	48.8		"	50.0		97.7	84-125				
1,2-Dichlorobenzene	49.0		"	50.0		98.0	85-122				
1,2-Dichloroethane	54.3		"	50.0		109	71-133				
1,3,5-Trimethylbenzene	49.4		"	50.0		98.9	82-126				
1,3-Dichlorobenzene	47.5		"	50.0		95.0	84-124				
1,4-Dichlorobenzene	46.5		"	50.0		93.0	84-124				
1,4-Dioxane	1060		"	1050		101	10-228				
2-Butanone	47.0		"	50.0		94.0	58-147				
Acetone	41.4		"	50.0		82.9	36-155				
Benzene	49.1		"	50.0		98.2	77-127				
Carbon tetrachloride	52.9		"	50.0		106	66-143				
Chlorobenzene	51.4		"	50.0		103	86-120				
Chloroform	50.7		"	50.0		101	76-131				
cis-1,2-Dichloroethylene	50.5		"	50.0		101	74-132				
Ethyl Benzene	50.6		"	50.0		101	84-125				
Methyl tert-butyl ether (MTBE)	47.1		"	50.0		94.3	74-131				
Methylene chloride	48.9		"	50.0		97.9	57-141				
Naphthalene	49.1		"	50.0		98.2	86-141				
n-Butylbenzene	50.6		"	50.0		101	80-130				
n-Propylbenzene	50.3		"	50.0		101	74-136				
o-Xylene	51.0		"	50.0		102	83-123				
p- & m- Xylenes	103		"	100		103	82-128				
sec-Butylbenzene	49.6		"	50.0		99.1	83-125				
tert-Butylbenzene	43.1		"	50.0		86.2	80-127				
Tetrachloroethylene	42.1		"	50.0		84.2	80-129				
Toluene	49.5		"	50.0		99.0	85-121				
trans-1,2-Dichloroethylene	49.7		"	50.0		99.4	72-132				
Trichloroethylene	50.0		"	50.0		100	84-123				
Vinyl Chloride	56.3		"	50.0		113	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*53.4*		*"*	*50.0*		*107*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.8*		*"*	*50.0*		*102*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.6*		*"*	*50.0*		*99.3*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30580 - EPA 5035A											
LCS Dup (BC30580-BSD1)								Prepared & Analyzed: 03/09/2023			
1,1,1-Trichloroethane	53.5		ug/L	50.0		107	71-137		3.11	30	
1,1-Dichloroethane	48.4		"	50.0		96.9	75-130		2.13	30	
1,1-Dichloroethylene	49.1		"	50.0		98.3	64-137		0.528	30	
1,2,4-Trimethylbenzene	50.7		"	50.0		101	84-125		3.76	30	
1,2-Dichlorobenzene	50.5		"	50.0		101	85-122		2.97	30	
1,2-Dichloroethane	54.2		"	50.0		108	71-133		0.148	30	
1,3,5-Trimethylbenzene	51.4		"	50.0		103	82-126		3.83	30	
1,3-Dichlorobenzene	49.3		"	50.0		98.6	84-124		3.72	30	
1,4-Dichlorobenzene	49.0		"	50.0		98.0	84-124		5.22	30	
1,4-Dioxane	1010		"	1050		96.7	10-228		4.74	30	
2-Butanone	44.5		"	50.0		89.1	58-147		5.37	30	
Acetone	38.6		"	50.0		77.3	36-155		7.02	30	
Benzene	50.1		"	50.0		100	77-127		2.08	30	
Carbon tetrachloride	53.4		"	50.0		107	66-143		1.09	30	
Chlorobenzene	52.1		"	50.0		104	86-120		1.37	30	
Chloroform	52.2		"	50.0		104	76-131		2.82	30	
cis-1,2-Dichloroethylene	51.5		"	50.0		103	74-132		1.98	30	
Ethyl Benzene	51.5		"	50.0		103	84-125		1.80	30	
Methyl tert-butyl ether (MTBE)	47.0		"	50.0		94.1	74-131		0.212	30	
Methylene chloride	48.5		"	50.0		97.1	57-141		0.821	30	
Naphthalene	49.0		"	50.0		97.9	86-141		0.286	30	
n-Butylbenzene	52.8		"	50.0		106	80-130		4.27	30	
n-Propylbenzene	52.1		"	50.0		104	74-136		3.63	30	
o-Xylene	51.6		"	50.0		103	83-123		1.29	30	
p- & m- Xylenes	105		"	100		105	82-128		2.17	30	
sec-Butylbenzene	51.5		"	50.0		103	83-125		3.90	30	
tert-Butylbenzene	44.8		"	50.0		89.7	80-127		3.96	30	
Tetrachloroethylene	43.5		"	50.0		87.0	80-129		3.18	30	
Toluene	50.7		"	50.0		101	85-121		2.40	30	
trans-1,2-Dichloroethylene	50.4		"	50.0		101	72-132		1.26	30	
Trichloroethylene	50.9		"	50.0		102	84-123		1.74	30	
Vinyl Chloride	56.7		"	50.0		113	52-130		0.761	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*53.5*		*"*	*50.0*		*107*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.7*		*"*	*50.0*		*101*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.2*		*"*	*50.0*		*100*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30858 - EPA 5030B											
Blank (BC30858-BLK1)											
Prepared: 03/10/2023 Analyzed: 03/12/2023											
1,1,1-Trichloroethane	ND	0.500	ug/L								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
Acetone	ND	2.00	"								
Benzene	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroform	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
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	"								
sec-Butylbenzene	ND	0.500	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.4*		*"*	*10.0*		*104*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.0*		*"*	*10.0*		*100*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*11.0*		*"*	*10.0*		*110*	*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 BC30858 - EPA 5030B											
LCS (BC30858-BS1)									Prepared: 03/10/2023 Analyzed: 03/12/2023		
1,1,1-Trichloroethane	11.1		ug/L	10.0		111	78-136				
1,1-Dichloroethane	11.0		"	10.0		110	82-129				
1,1-Dichloroethylene	12.1		"	10.0		121	68-138				
1,2,4-Trimethylbenzene	10.9		"	10.0		109	82-132				
1,2-Dichlorobenzene	10.4		"	10.0		104	79-123				
1,2-Dichloroethane	11.2		"	10.0		112	73-132				
1,3,5-Trimethylbenzene	11.0		"	10.0		110	80-131				
1,3-Dichlorobenzene	10.5		"	10.0		105	86-122				
1,4-Dichlorobenzene	10.4		"	10.0		104	85-124				
1,4-Dioxane	180		"	210		85.8	10-349				
2-Butanone	7.97		"	10.0		79.7	49-152				
Acetone	12.6		"	10.0		126	14-150				
Benzene	10.4		"	10.0		104	85-126				
Carbon tetrachloride	11.4		"	10.0		114	77-141				
Chlorobenzene	11.1		"	10.0		111	88-120				
Chloroform	10.8		"	10.0		108	82-128				
cis-1,2-Dichloroethylene	10.2		"	10.0		102	83-129				
Ethyl Benzene	11.3		"	10.0		113	80-131				
Methyl tert-butyl ether (MTBE)	9.73		"	10.0		97.3	76-135				
Methylene chloride	11.4		"	10.0		114	55-137				
Naphthalene	9.10		"	10.0		91.0	70-147				
n-Butylbenzene	11.3		"	10.0		113	79-132				
n-Propylbenzene	11.6		"	10.0		116	78-133				
o-Xylene	11.3		"	10.0		113	78-130				
p- & m- Xylenes	22.6		"	20.0		113	77-133				
sec-Butylbenzene	11.2		"	10.0		112	79-137				
tert-Butylbenzene	9.51		"	10.0		95.1	77-138				
Tetrachloroethylene	10.1		"	10.0		101	82-131				
Toluene	10.5		"	10.0		105	80-127				
trans-1,2-Dichloroethylene	11.4		"	10.0		114	80-132				
Trichloroethylene	11.0		"	10.0		110	82-128				
Vinyl Chloride	8.95		"	10.0		89.5	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.8*		*"*	*10.0*		*108*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.0*		*"*	*10.0*		*100*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.7*		*"*	*10.0*		*107*	*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 BC30858 - EPA 5030B											
LCS Dup (BC30858-BSD1)								Prepared: 03/10/2023 Analyzed: 03/12/2023			
1,1,1-Trichloroethane	10.6		ug/L	10.0		106	78-136		4.41	30	
1,1-Dichloroethane	10.6		"	10.0		106	82-129		3.32	30	
1,1-Dichloroethylene	11.4		"	10.0		114	68-138		6.07	30	
1,2,4-Trimethylbenzene	10.6		"	10.0		106	82-132		2.42	30	
1,2-Dichlorobenzene	10.4		"	10.0		104	79-123		0.0959	30	
1,2-Dichloroethane	11.5		"	10.0		115	73-132		2.65	30	
1,3,5-Trimethylbenzene	10.8		"	10.0		108	80-131		1.84	30	
1,3-Dichlorobenzene	10.5		"	10.0		105	86-122		0.666	30	
1,4-Dichlorobenzene	10.3		"	10.0		103	85-124		0.579	30	
1,4-Dioxane	187		"	210		89.0	10-349		3.66	30	
2-Butanone	8.78		"	10.0		87.8	49-152		9.67	30	
Acetone	13.3		"	10.0		133	14-150		5.42	30	
Benzene	10.2		"	10.0		102	85-126		1.84	30	
Carbon tetrachloride	10.9		"	10.0		109	77-141		4.74	30	
Chlorobenzene	10.8		"	10.0		108	88-120		2.66	30	
Chloroform	10.6		"	10.0		106	82-128		2.34	30	
cis-1,2-Dichloroethylene	9.94		"	10.0		99.4	83-129		2.48	30	
Ethyl Benzene	10.8		"	10.0		108	80-131		4.07	30	
Methyl tert-butyl ether (MTBE)	9.77		"	10.0		97.7	76-135		0.410	30	
Methylene chloride	11.1		"	10.0		111	55-137		2.66	30	
Naphthalene	9.39		"	10.0		93.9	70-147		3.14	30	
n-Butylbenzene	10.8		"	10.0		108	79-132		4.07	30	
n-Propylbenzene	11.3		"	10.0		113	78-133		3.32	30	
o-Xylene	11.0		"	10.0		110	78-130		2.88	30	
p- & m- Xylenes	21.6		"	20.0		108	77-133		4.26	30	
sec-Butylbenzene	10.8		"	10.0		108	79-137		3.28	30	
tert-Butylbenzene	9.28		"	10.0		92.8	77-138		2.45	30	
Tetrachloroethylene	9.72		"	10.0		97.2	82-131		3.74	30	
Toluene	10.2		"	10.0		102	80-127		2.89	30	
trans-1,2-Dichloroethylene	11.0		"	10.0		110	80-132		4.20	30	
Trichloroethylene	10.6		"	10.0		106	82-128		3.70	30	
Vinyl Chloride	8.52		"	10.0		85.2	58-145		4.92	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.8*		*"*	*10.0*		*108*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.95*		*"*	*10.0*		*99.5*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.7*		*"*	*10.0*		*107*	*79-122*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30571 - EPA 3550C											
Blank (BC30571-BLK1)											
2-Methylphenol	ND	0.0416	mg/kg wet								
3- & 4-Methylphenols	ND	0.0416	"								
Acenaphthene	ND	0.0416	"								
Acenaphthylene	ND	0.0416	"								
Anthracene	ND	0.0416	"								
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	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Surrogate: SURR: 2-Fluorophenol	*1.19*		"	*1.66*		*71.7*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.16*		"	*1.66*		*69.9*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.804*		"	*0.831*		*96.8*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.585*		"	*0.831*		*70.5*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.65*		"	*1.66*		*99.3*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.681*		"	*0.831*		*82.0*	*24-116*				

Prepared: 03/09/2023 Analyzed: 03/10/2023

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 BC30571 - EPA 3550C											
LCS (BC30571-BS1)									Prepared: 03/09/2023 Analyzed: 03/10/2023		
2-Methylphenol	0.621	0.0416	mg/kg wet	0.831		74.7	10-136				
3- & 4-Methylphenols	0.566	0.0416	"	0.831		68.2	29-103				
Acenaphthene	0.636	0.0416	"	0.831		76.5	30-121				
Acenaphthylene	0.592	0.0416	"	0.831		71.2	30-115				
Anthracene	0.672	0.0416	"	0.831		81.0	34-118				
Benzo(a)anthracene	0.765	0.0416	"	0.831		92.2	32-122				
Benzo(a)pyrene	0.717	0.0416	"	0.831		86.4	29-133				
Benzo(b)fluoranthene	0.790	0.0416	"	0.831		95.2	25-133				
Benzo(g,h,i)perylene	0.704	0.0416	"	0.831		84.7	10-143				
Benzo(k)fluoranthene	0.739	0.0416	"	0.831		88.9	25-128				
Chrysene	0.693	0.0416	"	0.831		83.5	32-123				
Dibenzo(a,h)anthracene	0.726	0.0416	"	0.831		87.4	10-136				
Dibenzofuran	0.645	0.0416	"	0.831		77.6	29-121				
Fluoranthene	0.723	0.0416	"	0.831		87.1	33-122				
Fluorene	0.656	0.0416	"	0.831		79.0	29-123				
Hexachlorobenzene	0.655	0.0416	"	0.831		78.8	21-124				
Indeno(1,2,3-cd)pyrene	0.751	0.0416	"	0.831		90.5	10-135				
Naphthalene	0.632	0.0416	"	0.831		76.0	23-124				
Pentachlorophenol	0.897	0.0416	"	0.831		108	10-139				
Phenanthrene	0.667	0.0416	"	0.831		80.3	33-123				
Phenol	0.572	0.0416	"	0.831		68.9	23-115				
Pyrene	0.694	0.0416	"	0.831		83.5	24-130				
Surrogate: SURR: 2-Fluorophenol	*1.15*		*"*	*1.66*		*69.0*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.12*		*"*	*1.66*		*67.6*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.777*		*"*	*0.831*		*93.5*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.583*		*"*	*0.831*		*70.2*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.70*		*"*	*1.66*		*103*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.727*		*"*	*0.831*		*87.5*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30571 - EPA 3550C											
Matrix Spike (BC30571-MS1)	*Source sample: 23C0373-01 (Matrix Spike)								Prepared: 03/09/2023 Analyzed: 03/10/2023		
2-Methylphenol	0.754	0.108	mg/kg dry	1.08	ND	69.6	10-136				
3- & 4-Methylphenols	0.649	0.108	"	1.08	ND	59.8	10-123				
Acenaphthene	0.760	0.108	"	1.08	ND	70.1	10-146				
Acenaphthylene	0.714	0.108	"	1.08	ND	65.9	10-134				
Anthracene	0.747	0.108	"	1.08	ND	68.9	10-142				
Benzo(a)anthracene	0.801	0.108	"	1.08	ND	73.9	10-158				
Benzo(a)pyrene	0.689	0.108	"	1.08	ND	63.6	10-180				
Benzo(b)fluoranthene	0.737	0.108	"	1.08	ND	68.0	10-200				
Benzo(g,h,i)perylene	0.821	0.108	"	1.08	ND	75.8	10-138				
Benzo(k)fluoranthene	0.652	0.108	"	1.08	ND	60.2	10-197				
Chrysene	0.740	0.108	"	1.08	ND	68.3	10-156				
Dibenzo(a,h)anthracene	0.779	0.108	"	1.08	ND	71.8	10-137				
Dibenzofuran	0.790	0.108	"	1.08	ND	72.9	10-147				
Fluoranthene	0.683	0.108	"	1.08	ND	63.0	10-160				
Fluorene	0.730	0.108	"	1.08	ND	67.4	10-157				
Hexachlorobenzene	0.706	0.108	"	1.08	ND	65.1	10-137				
Indeno(1,2,3-cd)pyrene	0.968	0.108	"	1.08	ND	89.3	10-144				
Naphthalene	0.718	0.108	"	1.08	ND	66.2	10-141				
Pentachlorophenol	0.248	0.108	"	1.08	ND	22.9	10-153				
Phenanthrene	0.763	0.108	"	1.08	ND	70.4	10-148				
Phenol	0.855	0.108	"	1.08	ND	78.9	10-126				
Pyrene	0.692	0.108	"	1.08	ND	63.8	10-165				
Surrogate: SURR: 2-Fluorophenol	*1.45*		"	*2.17*		*66.8*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.44*		"	*2.17*		*66.3*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.801*		"	*1.08*		*73.9*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.680*		"	*1.08*		*62.7*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.58*		"	*2.17*		*73.1*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.715*		"	*1.08*		*66.0*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30571 - EPA 3550C											
Matrix Spike Dup (BC30571-MSD1)	*Source sample: 23C0373-01 (Matrix Spike Dup)								Prepared: 03/09/2023 Analyzed: 03/10/2023		
2-Methylphenol	0.703	0.108	mg/kg dry	1.08	ND	64.9	10-136		7.02	30	
3- & 4-Methylphenols	0.670	0.108	"	1.08	ND	61.8	10-123		3.29	30	
Acenaphthene	0.778	0.108	"	1.08	ND	71.8	10-146		2.37	30	
Acenaphthylene	0.753	0.108	"	1.08	ND	69.4	10-134		5.20	30	
Anthracene	0.866	0.108	"	1.08	ND	79.9	10-142		14.8	30	
Benzo(a)anthracene	0.884	0.108	"	1.08	ND	81.6	10-158		9.88	30	
Benzo(a)pyrene	0.771	0.108	"	1.08	ND	71.1	10-180		11.2	30	
Benzo(b)fluoranthene	0.864	0.108	"	1.08	ND	79.8	10-200		15.9	30	
Benzo(g,h,i)perylene	0.812	0.108	"	1.08	ND	74.9	10-138		1.17	30	
Benzo(k)fluoranthene	0.889	0.108	"	1.08	ND	82.0	10-197		30.7	30	Non-dir.
Chrysene	0.861	0.108	"	1.08	ND	79.4	10-156		15.1	30	
Dibenzo(a,h)anthracene	0.796	0.108	"	1.08	ND	73.4	10-137		2.20	30	
Dibenzofuran	0.771	0.108	"	1.08	ND	71.1	10-147		2.44	30	
Fluoranthene	0.812	0.108	"	1.08	ND	75.0	10-160		17.3	30	
Fluorene	0.778	0.108	"	1.08	ND	71.8	10-157		6.33	30	
Hexachlorobenzene	0.769	0.108	"	1.08	ND	71.0	10-137		8.58	30	
Indeno(1,2,3-cd)pyrene	0.988	0.108	"	1.08	ND	91.2	10-144		2.13	30	
Naphthalene	0.787	0.108	"	1.08	ND	72.6	10-141		9.22	30	
Pentachlorophenol	0.297	0.108	"	1.08	ND	27.4	10-153		18.1	30	
Phenanthrene	0.830	0.108	"	1.08	ND	76.6	10-148		8.38	30	
Phenol	0.787	0.108	"	1.08	ND	72.6	10-126		8.24	30	
Pyrene	0.845	0.108	"	1.08	ND	78.0	10-165		20.0	30	
Surrogate: SURR: 2-Fluorophenol	*1.40*		"	*2.17*		*64.4*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.34*		"	*2.17*		*62.0*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.818*		"	*1.08*		*75.5*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.739*		"	*1.08*		*68.2*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.70*		"	*2.17*		*78.2*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.856*		"	*1.08*		*79.0*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30578 - EPA 3550C											
Blank (BC30578-BLK1)											
Prepared: 03/09/2023 Analyzed: 03/10/2023											
2-Methylphenol	ND	0.0417	mg/kg wet								
3- & 4-Methylphenols	ND	0.0417	"								
Acenaphthene	ND	0.0417	"								
Acenaphthylene	ND	0.0417	"								
Anthracene	ND	0.0417	"								
Benzo(a)anthracene	ND	0.0417	"								
Benzo(a)pyrene	ND	0.0417	"								
Benzo(b)fluoranthene	ND	0.0417	"								
Benzo(g,h,i)perylene	ND	0.0417	"								
Benzo(k)fluoranthene	ND	0.0417	"								
Chrysene	ND	0.0417	"								
Dibenzo(a,h)anthracene	ND	0.0417	"								
Dibenzofuran	ND	0.0417	"								
Fluoranthene	ND	0.0417	"								
Fluorene	ND	0.0417	"								
Hexachlorobenzene	ND	0.0417	"								
Indeno(1,2,3-cd)pyrene	ND	0.0417	"								
Naphthalene	ND	0.0417	"								
Pentachlorophenol	ND	0.0417	"								
Phenanthrene	ND	0.0417	"								
Phenol	ND	0.0417	"								
Pyrene	ND	0.0417	"								
Surrogate: SURR: 2-Fluorophenol	*1.17*		"	*1.67*		*70.4*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.09*		"	*1.67*		*65.5*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.638*		"	*0.833*		*76.6*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.594*		"	*0.833*		*71.2*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.40*		"	*1.67*		*83.8*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.730*		"	*0.833*		*87.6*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30578 - EPA 3550C											
LCS (BC30578-BS1)									Prepared: 03/09/2023 Analyzed: 03/10/2023		
2-Methylphenol	0.627	0.0417	mg/kg wet	0.833		75.3	10-136				
3- & 4-Methylphenols	0.547	0.0417	"	0.833		65.6	29-103				
Acenaphthene	0.580	0.0417	"	0.833		69.6	30-121				
Acenaphthylene	0.550	0.0417	"	0.833		66.0	30-115				
Anthracene	0.668	0.0417	"	0.833		80.1	34-118				
Benzo(a)anthracene	0.660	0.0417	"	0.833		79.2	32-122				
Benzo(a)pyrene	0.584	0.0417	"	0.833		70.1	29-133				
Benzo(b)fluoranthene	0.619	0.0417	"	0.833		74.3	25-133				
Benzo(g,h,i)perylene	0.598	0.0417	"	0.833		71.7	10-143				
Benzo(k)fluoranthene	0.641	0.0417	"	0.833		76.9	25-128				
Chrysene	0.641	0.0417	"	0.833		77.0	32-123				
Dibenzo(a,h)anthracene	0.571	0.0417	"	0.833		68.5	10-136				
Dibenzofuran	0.584	0.0417	"	0.833		70.0	29-121				
Fluoranthene	0.594	0.0417	"	0.833		71.2	33-122				
Fluorene	0.603	0.0417	"	0.833		72.4	29-123				
Hexachlorobenzene	0.657	0.0417	"	0.833		78.9	21-124				
Indeno(1,2,3-cd)pyrene	0.745	0.0417	"	0.833		89.4	10-135				
Naphthalene	0.617	0.0417	"	0.833		74.0	23-124				
Pentachlorophenol	0.272	0.0417	"	0.833		32.6	10-139				
Phenanthrene	0.630	0.0417	"	0.833		75.6	33-123				
Phenol	0.688	0.0417	"	0.833		82.6	23-115				
Pyrene	0.655	0.0417	"	0.833		78.6	24-130				
Surrogate: SURR: 2-Fluorophenol	*1.15*		"	*1.67*		*69.1*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.16*		"	*1.67*		*69.4*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.651*		"	*0.833*		*78.2*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.551*		"	*0.833*		*66.2*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.26*		"	*1.67*		*75.7*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.662*		"	*0.833*		*79.4*	*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 BC30490 - EPA 3550C											
Blank (BC30490-BLK1)											Prepared: 03/08/2023 Analyzed: 03/10/2023
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Surrogate: Decachlorobiphenyl	*0.0541*		*"*	*0.0664*		*81.4*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0178*		*"*	*0.0664*		*26.8*	*30-150*				
LCS (BC30490-BS1)											Prepared: 03/08/2023 Analyzed: 03/10/2023
4,4'-DDD	0.0160	0.00164	mg/kg wet	0.0332		48.1	40-140				
4,4'-DDE	0.0167	0.00164	"	0.0332		50.4	40-140				
4,4'-DDT	0.0210	0.00164	"	0.0332		63.2	40-140				
Aldrin	0.0171	0.00164	"	0.0332		51.5	40-140				
alpha-BHC	0.0159	0.00164	"	0.0332		48.0	40-140				
alpha-Chlordane	0.0162	0.00164	"	0.0332		48.7	40-140				
beta-BHC	0.0224	0.00164	"	0.0332		67.4	40-140				
delta-BHC	0.0184	0.00164	"	0.0332		55.3	40-140				
Dieldrin	0.0187	0.00164	"	0.0332		56.3	40-140				
Endosulfan I	0.0168	0.00164	"	0.0332		50.7	40-140				
Endosulfan II	0.0184	0.00164	"	0.0332		55.4	40-140				
Endosulfan sulfate	0.0178	0.00164	"	0.0332		53.6	40-140				
Endrin	0.0177	0.00164	"	0.0332		53.2	40-140				
gamma-BHC (Lindane)	0.0180	0.00164	"	0.0332		54.2	40-140				
Heptachlor	0.0203	0.00164	"	0.0332		61.2	40-140				
Surrogate: Decachlorobiphenyl	*0.0451*		*"*	*0.0664*		*67.8*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0235*		*"*	*0.0664*		*35.4*	*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 BC30500 - EPA 3550C											
Blank (BC30500-BLK1)											Prepared: 03/08/2023 Analyzed: 03/10/2023
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Surrogate: Decachlorobiphenyl	*0.0588*		*"*	*0.0664*		*88.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0441*		*"*	*0.0664*		*66.3*	*30-150*				
LCS (BC30500-BS1)											Prepared: 03/08/2023 Analyzed: 03/10/2023
4,4'-DDD	0.0300	0.00164	mg/kg wet	0.0332		90.2	40-140				
4,4'-DDE	0.0288	0.00164	"	0.0332		86.8	40-140				
4,4'-DDT	0.0167	0.00164	"	0.0166		100	40-140				
Aldrin	0.0277	0.00164	"	0.0332		83.4	40-140				
alpha-BHC	0.0291	0.00164	"	0.0332		87.5	40-140				
alpha-Chlordane	0.0312	0.00164	"	0.0332		94.0	40-140				
beta-BHC	0.0304	0.00164	"	0.0332		91.5	40-140				
delta-BHC	0.0264	0.00164	"	0.0332		79.6	40-140				
Dieldrin	0.0313	0.00164	"	0.0332		94.3	40-140				
Endosulfan I	0.0323	0.00164	"	0.0332		97.1	40-140				
Endosulfan II	0.0298	0.00164	"	0.0332		89.6	40-140				
Endosulfan sulfate	0.0258	0.00164	"	0.0332		77.6	40-140				
Endrin	0.0247	0.00164	"	0.0332		74.3	40-140				
gamma-BHC (Lindane)	0.0285	0.00164	"	0.0332		85.9	40-140				
Heptachlor	0.0268	0.00164	"	0.0332		80.7	40-140				
Surrogate: Decachlorobiphenyl	*0.0583*		*"*	*0.0664*		*87.7*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0438*		*"*	*0.0664*		*65.9*	*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 BC30500 - EPA 3550C											
Blank (BC30500-BLK2)											Prepared: 03/08/2023 Analyzed: 03/10/2023
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0492*		"	*0.0664*		*74.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0449*		"	*0.0664*		*67.5*	*30-120*				
LCS (BC30500-BS2)											Prepared: 03/08/2023 Analyzed: 03/10/2023
Aroclor 1016	0.317	0.0166	mg/kg wet	0.332		95.3	40-130				
Aroclor 1260	0.315	0.0166	"	0.332		94.8	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0475*		"	*0.0664*		*71.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0488*		"	*0.0664*		*73.5*	*30-120*				
Matrix Spike (BC30500-MS2)	*Source sample: 23C0335-10 (Q3-EP 3)										Prepared: 03/08/2023 Analyzed: 03/10/2023
Aroclor 1016	0.381	0.0184	mg/kg dry	0.369	ND	103	40-140				
Aroclor 1260	0.368	0.0184	"	0.369	ND	99.8	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0624*		"	*0.0738*		*84.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0590*		"	*0.0738*		*80.0*	*30-120*				
Matrix Spike Dup (BC30500-MSD2)	*Source sample: 23C0335-10 (Q3-EP 3)										Prepared: 03/08/2023 Analyzed: 03/10/2023
Aroclor 1016	0.350	0.0184	mg/kg dry	0.369	ND	94.9	40-140		8.44	50	
Aroclor 1260	0.339	0.0184	"	0.369	ND	91.7	40-140		8.42	50	
Surrogate: Tetrachloro-m-xylene	*0.0561*		"	*0.0738*		*76.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0535*		"	*0.0738*		*72.5*	*30-120*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30711 - EPA 3550C											
Blank (BC30711-BLK1)											Prepared: 03/10/2023 Analyzed: 03/14/2023
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0718*		"	*0.0664*		*108*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0621*		"	*0.0664*		*93.5*	*30-120*				
LCS (BC30711-BS1)											Prepared: 03/10/2023 Analyzed: 03/14/2023
Aroclor 1016	0.161	0.0166	mg/kg wet	0.332		48.4	40-130				
Aroclor 1260	0.247	0.0166	"	0.332		74.2	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0605*		"	*0.0664*		*91.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0508*		"	*0.0664*		*76.5*	*30-120*				
Matrix Spike (BC30711-MS1)	*Source sample: 23C0349-05 (Matrix Spike)										Prepared: 03/10/2023 Analyzed: 03/14/2023
Aroclor 1016	0.412	0.0231	mg/kg dry	0.462	ND	89.2	40-140				
Aroclor 1260	0.444	0.0231	"	0.462	ND	96.2	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0886*		"	*0.0923*		*96.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0780*		"	*0.0923*		*84.5*	*30-120*				
Matrix Spike Dup (BC30711-MSD1)	*Source sample: 23C0349-05 (Matrix Spike Dup)										Prepared: 03/10/2023 Analyzed: 03/14/2023
Aroclor 1016	0.322	0.0231	mg/kg dry	0.462	ND	69.7	40-140		24.5	50	
Aroclor 1260	0.384	0.0231	"	0.462	ND	83.1	40-140		14.7	50	
Surrogate: Tetrachloro-m-xylene	*0.0817*		"	*0.0923*		*88.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0669*		"	*0.0923*		*72.5*	*30-120*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30483 - EPA 3550C/8151A											
Blank (BC30483-BLK1)									Prepared: 03/08/2023 Analyzed: 03/09/2023		
2,4,5-TP (Silvex)	ND	0.0199	mg/kg wet								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.373*		"	*0.415*		*89.8*	*21-150*				
LCS (BC30483-BS1)									Prepared: 03/08/2023 Analyzed: 03/09/2023		
2,4,5-TP (Silvex)	0.112	0.0199	mg/kg wet	0.133		84.4	10-120				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.366*		"	*0.415*		*88.2*	*21-150*				
Matrix Spike (BC30483-MS1)	*Source sample: 23C0361-03 (Matrix Spike)								Prepared: 03/08/2023 Analyzed: 03/09/2023		
2,4,5-TP (Silvex)	0.103	0.0225	mg/kg dry	0.150	ND	68.8	10-120				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.320*		"	*0.468*		*68.4*	*21-150*				
Matrix Spike Dup (BC30483-MSD1)	*Source sample: 23C0361-03 (Matrix Spike Dup)								Prepared: 03/08/2023 Analyzed: 03/09/2023		
2,4,5-TP (Silvex)	0.129	0.0225	mg/kg dry	0.150	ND	86.2	10-120		22.6	35	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.376*		"	*0.468*		*80.2*	*21-150*				
Batch BC30498 - EPA 3550C/8151A											
Blank (BC30498-BLK1)									Prepared: 03/08/2023 Analyzed: 03/09/2023		
2,4,5-TP (Silvex)	ND	0.0199	mg/kg wet								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.316*		"	*0.415*		*76.0*	*21-150*				
LCS (BC30498-BS1)									Prepared: 03/08/2023 Analyzed: 03/09/2023		
2,4,5-TP (Silvex)	0.0997	0.0199	mg/kg wet	0.133		75.0	10-120				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.334*		"	*0.415*		*80.4*	*21-150*				
Matrix Spike (BC30498-MS1)	*Source sample: 23C0335-10 (Q3-EP 3)								Prepared: 03/08/2023 Analyzed: 03/09/2023		
2,4,5-TP (Silvex)	0.130	0.0219	mg/kg dry	0.146	ND	88.8	10-120				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.323*		"	*0.457*		*70.8*	*21-150*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30498 - EPA 3550C/8151A											
Matrix Spike Dup (BC30498-MSD1)	*Source sample: 23C0335-10 (Q3-EP 3)								Prepared: 03/08/2023 Analyzed: 03/09/2023		
2,4,5-TP (Silvex)	0.0944	0.0220	mg/kg dry	0.147	ND	64.4	10-120		31.5	35	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.319*		*"*	*0.458*		*69.6*	*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 BC30718 - EPA 3050B											
Blank (BC30718-BLK1)											Prepared: 03/10/2023 Analyzed: 03/12/2023
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 (BC30718-DUP1)	*Source sample: 23C0541-01 (Duplicate)										Prepared: 03/10/2023 Analyzed: 03/12/2023
Arsenic	ND	1.35	mg/kg dry		ND					35	
Barium	37.7	2.24	"		35.5				6.14	35	
Beryllium	0.225	0.045	"		0.224				0.694	35	
Cadmium	ND	0.270	"		ND					35	
Chromium	10.8	0.450	"		11.4				5.76	35	
Copper	11.9	1.80	"		12.2				2.26	35	
Lead	5.73	0.450	"		5.97				4.15	35	
Manganese	296	0.450	"		293				1.11	35	
Nickel	9.36	0.895	"		10.3				9.40	35	
Selenium	ND	2.25	"		ND					35	
Silver	ND	0.453	"		ND					35	
Zinc	21.0	2.24	"		21.3				1.36	35	
Matrix Spike (BC30718-MS1)	*Source sample: 23C0541-01 (Matrix Spike)										Prepared: 03/10/2023 Analyzed: 03/12/2023
Arsenic	175	1.35	mg/kg dry	180	ND	97.2	75-125				
Barium	229	2.24	"	180	35.5	108	75-125				
Beryllium	4.82	0.045	"	4.49	0.224	102	75-125				
Cadmium	4.43	0.270	"	4.49	ND	98.6	75-125				
Chromium	29.8	0.450	"	18.0	11.4	102	75-125				
Copper	38.3	1.80	"	22.5	12.2	116	75-125				
Lead	50.2	0.450	"	44.9	5.97	98.5	75-125				
Manganese	363	0.450	"	44.9	293	155	75-125	High Bias			
Nickel	57.4	0.895	"	44.9	10.3	105	75-125				
Selenium	140	2.25	"	180	ND	77.9	75-125				
Silver	0.491	0.453	"	4.49	ND	10.9	75-125	Low Bias			
Zinc	68.1	2.24	"	44.9	21.3	104	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30718 - EPA 3050B											
Post Spike (BC30718-PS1)	*Source sample: 23C0541-01 (Post Spike)								Prepared: 03/10/2023 Analyzed: 03/12/2023		
Arsenic	2.15		ug/mL	2.00	0.011	107	75-125				
Barium	2.58		"	2.00	0.395	109	75-125				
Beryllium	0.056		"	0.0500	0.002	107	75-125				
Cadmium	0.054		"	0.0500	0.002	105	75-125				
Chromium	0.332		"	0.200	0.127	103	75-125				
Copper	0.418		"	0.250	0.136	113	75-125				
Lead	0.601		"	0.500	0.066	107	75-125				
Manganese	3.66		"	0.500	3.26	79.4	75-125				
Nickel	0.643		"	0.500	0.114	106	75-125				
Selenium	1.76		"	2.00	-0.129	88.0	75-125				
Silver	-0.004		"	0.0500	-0.048		75-125	Low Bias			
Zinc	0.751		"	0.500	0.237	103	75-125				
Reference (BC30718-SRM1)									Prepared: 03/10/2023 Analyzed: 03/12/2023		
Arsenic	83.1	1.25	mg/kg wet	87.4		95.1	70-130.4				
Barium	340	2.08	"	347		98.1	75.2-130.3				
Beryllium	97.6	0.042	"	103		94.7	74.8-132				
Cadmium	149	0.250	"	160		93.0	75-145.6				
Chromium	229	0.417	"	231		99.1	70.1-134.2				
Copper	145	1.67	"	144		101	75-126.4				
Lead	236	0.417	"	266		88.8	74.1-125.9				
Manganese	524	0.417	"	555		94.4	77.3-132.8				
Nickel	359	0.830	"	350		103	70-144				
Selenium	93.6	2.08	"	130		72.0	66.9-133.8				
Silver	51.3	0.420	"	57.1		89.8	70.2-129.8				
Zinc	141	2.08	"	160		88.1	70-130				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30719 - EPA 3050B											
Blank (BC30719-BLK1)									Prepared: 03/10/2023 Analyzed: 03/14/2023		
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 (BC30719-DUP1)	*Source sample: 23C0335-10 (Q3-EP 3)								Prepared: 03/10/2023 Analyzed: 03/14/2023		
Arsenic	1.52	1.39	mg/kg dry		ND					35	
Barium	25.7	2.31	"		28.0				8.52	35	
Beryllium	0.862	0.047	"		0.900				4.29	35	
Cadmium	ND	0.278	"		ND					35	
Chromium	12.0	0.463	"		13.3				10.3	35	
Copper	15.1	1.85	"		16.7				9.85	35	
Lead	4.68	0.463	"		5.20				10.6	35	
Manganese	222	0.463	"		244				9.64	35	
Nickel	13.2	0.922	"		13.8				4.45	35	
Selenium	3.25	2.31	"		ND					35	
Silver	ND	0.467	"		ND					35	
Zinc	33.4	2.30	"		34.6				3.59	35	
Matrix Spike (BC30719-MS1)	*Source sample: 23C0335-10 (Q3-EP 3)								Prepared: 03/10/2023 Analyzed: 03/14/2023		
Arsenic	187	1.39	mg/kg dry	185	ND	101	75-125				
Barium	228	2.31	"	185	28.0	108	75-125				
Beryllium	5.65	0.047	"	4.63	0.900	103	75-125				
Cadmium	4.73	0.278	"	4.63	ND	102	75-125				
Chromium	31.8	0.463	"	18.5	13.3	100	75-125				
Copper	42.5	1.85	"	23.1	16.7	111	75-125				
Lead	50.4	0.463	"	46.3	5.20	97.7	75-125				
Manganese	293	0.463	"	46.3	244	104	75-125				
Nickel	65.3	0.922	"	46.3	13.8	111	75-125				
Selenium	151	2.31	"	185	ND	81.4	75-125				
Silver	ND	0.467	"	4.63	ND		75-125	Low Bias			
Zinc	78.5	2.30	"	46.3	34.6	94.9	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30719 - EPA 3050B											
Post Spike (BC30719-PS1)	*Source sample: 23C0335-10 (Q3-EP 3)								Prepared: 03/10/2023 Analyzed: 03/14/2023		
Arsenic	2.52		ug/mL	2.00	0.012	125	75-125				
Barium	2.85		"	2.00	0.303	127	75-125	High Bias			
Beryllium	0.070		"	0.0500	0.010	121	75-125				
Cadmium	0.063		"	0.0500	0.002	123	75-125				
Chromium	0.384		"	0.200	0.143	120	75-125				
Copper	0.510		"	0.250	0.181	132	75-125	High Bias			
Lead	0.657		"	0.500	0.056	120	75-125				
Manganese	3.28		"	0.500	2.64	129	75-125	High Bias			
Nickel	0.806		"	0.500	0.149	131	75-125	High Bias			
Selenium	2.03		"	2.00	0.006	101	75-125				
Silver	-0.055		"	0.0500	-0.066		75-125	Low Bias			
Zinc	0.966		"	0.500	0.374	118	75-125				
Reference (BC30719-SRM1)									Prepared: 03/10/2023 Analyzed: 03/14/2023		
Arsenic	88.9	1.25	mg/kg wet	87.4		102	70-130.4				
Barium	387	2.08	"	347		111	75.2-130.3				
Beryllium	107	0.042	"	103		104	74.8-132				
Cadmium	173	0.250	"	160		108	75-145.6				
Chromium	273	0.417	"	231		118	70.1-134.2				
Copper	157	1.67	"	144		109	75-126.4				
Lead	251	0.417	"	266		94.2	74.1-125.9				
Manganese	608	0.417	"	555		110	77.3-132.8				
Nickel	411	0.830	"	350		117	70-144				
Selenium	90.8	2.08	"	130		69.9	66.9-133.8				
Silver	55.8	0.420	"	57.1		97.7	70.2-129.8				
Zinc	156	2.08	"	160		97.3	70-130				

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 BC30688 - EPA 7473 soil											
Blank (BC30688-BLK1)								Prepared & Analyzed: 03/10/2023			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BC30688-DUP1)	*Source sample: 23C0541-01 (Duplicate)							Prepared & Analyzed: 03/10/2023			
Mercury	ND	0.0323	mg/kg dry		ND					35	
Matrix Spike (BC30688-MS1)	*Source sample: 23C0541-01 (Matrix Spike)							Prepared & Analyzed: 03/10/2023			
Mercury	0.522		mg/kg	0.500	0.00	104	75-125				
Reference (BC30688-SRM1)								Prepared & Analyzed: 03/10/2023			
Mercury	25.203		mg/kg	27.2		92.7	59.9-140.1				
Batch BC30721 - EPA 7473 soil											
Blank (BC30721-BLK1)								Prepared & Analyzed: 03/10/2023			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BC30721-DUP1)	*Source sample: 23C0335-10 (Q3-EP 3)							Prepared & Analyzed: 03/10/2023			
Mercury	ND	0.0333	mg/kg dry		ND					35	
Matrix Spike (BC30721-MS1)	*Source sample: 23C0335-10 (Q3-EP 3)							Prepared & Analyzed: 03/10/2023			
Mercury	0.598		mg/kg	0.500	0.000700	120	75-125				
Reference (BC30721-SRM1)								Prepared & Analyzed: 03/10/2023			
Mercury	32.289		mg/kg	27.2		119	59.9-140.1				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30534 - Analysis Preparation Soil											
Blank (BC30534-BLK1)								Prepared & Analyzed: 03/08/2023			
Cyanide, total	ND	0.500	mg/kg wet								
Duplicate (BC30534-DUP1)	*Source sample: 23C0335-10 (Q3-EP 3)							Prepared & Analyzed: 03/08/2023			
Cyanide, total	ND	0.555	mg/kg dry		ND					15	
Matrix Spike (BC30534-MS1)	*Source sample: 23C0335-10 (Q3-EP 3)							Prepared & Analyzed: 03/08/2023			
Cyanide, total	10.2	0.555	mg/kg dry	11.1	ND	91.4	79.6-107				
Reference (BC30534-SRM1)								Prepared & Analyzed: 03/08/2023			
Cyanide, total	136		ug/mL	131		104	44.4-156.5				
Batch BC30538 - EPA SW846-3060											
Blank (BC30538-BLK1)								Prepared & Analyzed: 03/08/2023			
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Duplicate (BC30538-DUP1)	*Source sample: 23C0335-10 (Q3-EP 3)							Prepared & Analyzed: 03/08/2023			
Chromium, Hexavalent	ND	0.555	mg/kg dry		ND					35	
Matrix Spike (BC30538-MS1)	*Source sample: 23C0335-10 (Q3-EP 3)							Prepared & Analyzed: 03/08/2023			
Chromium, Hexavalent	22.8	0.555	mg/kg dry	22.2	ND	103	75-125				
Reference (BC30538-SRM1)								Prepared & Analyzed: 03/08/2023			
Chromium, Hexavalent	320		mg/L	227		141	42.3-157.7				
Batch BC30572 - EPA SW846-3060											
Blank (BC30572-BLK1)								Prepared & Analyzed: 03/09/2023			
Chromium, Hexavalent	ND	0.500	mg/kg wet								

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30572 - EPA SW846-3060											
Duplicate (BC30572-DUP1)	*Source sample: 23C0335-15 (Q5-EP 3)								Prepared & Analyzed: 03/09/2023		
Chromium, Hexavalent	ND	0.564	mg/kg dry		ND					35	
Matrix Spike (BC30572-MS1)	*Source sample: 23C0335-15 (Q5-EP 3)								Prepared & Analyzed: 03/09/2023		
Chromium, Hexavalent	22.5	0.564	mg/kg dry	22.6	ND	99.8	75-125				
Reference (BC30572-SRM1)									Prepared & Analyzed: 03/09/2023		
Chromium, Hexavalent	335		mg/L	227		148	42.3-157.7				
Batch BC30625 - Analysis Preparation Soil											
Blank (BC30625-BLK1)									Prepared & Analyzed: 03/09/2023		
Cyanide, total	ND	0.500	mg/kg wet								
Duplicate (BC30625-DUP1)	*Source sample: 23C0335-12 (Q4-EP 2)								Prepared & Analyzed: 03/09/2023		
Cyanide, total	ND	0.550	mg/kg dry		ND					15	
Matrix Spike (BC30625-MS1)	*Source sample: 23C0335-12 (Q4-EP 2)								Prepared & Analyzed: 03/09/2023		
Cyanide, total	10.1	0.550	mg/kg dry	11.0	ND	91.4	79.6-107				
Reference (BC30625-SRM1)									Prepared & Analyzed: 03/09/2023		
Cyanide, total	115		ug/mL	131		88.0	44.4-156.5				

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 BC30601 - % Solids Prep											
Duplicate (BC30601-DUP1)	*Source sample: 23C0335-10 (Q3-EP 3)								Prepared & Analyzed: 03/09/2023		
% Solids	88.2	0.100	%		90.0				2.09	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
23C0335-01	Q1-EP 1	40mL Vial with Stir Bar-Cool 4° C
23C0335-02	Q1-EP 2	40mL Vial with Stir Bar-Cool 4° C
23C0335-03	Q1-EP 3	40mL Vial with Stir Bar-Cool 4° C
23C0335-04	Q2-EP 1	40mL Vial with Stir Bar-Cool 4° C
23C0335-05	Q2-EP 2	40mL Vial with Stir Bar-Cool 4° C
23C0335-06	Q2-EP 3	40mL Vial with Stir Bar-Cool 4° C
23C0335-07	Q2-EP 4	40mL Vial with Stir Bar-Cool 4° C
23C0335-08	Q3-EP 1	40mL Vial with Stir Bar-Cool 4° C
23C0335-09	Q3-EP 2	40mL Vial with Stir Bar-Cool 4° C
23C0335-10	Q3-EP 3	40mL Vial with Stir Bar-Cool 4° C
23C0335-11	Q4-EP 1	40mL Vial with Stir Bar-Cool 4° C
23C0335-12	Q4-EP 2	40mL Vial with Stir Bar-Cool 4° C
23C0335-13	Q5-EP 1	40mL Vial with Stir Bar-Cool 4° C
23C0335-14	Q5-EP 2	40mL Vial with Stir Bar-Cool 4° C
23C0335-15	Q5-EP 3	40mL Vial with Stir Bar-Cool 4° C
23C0335-16	Q5-EP 4	40mL Vial with Stir Bar-Cool 4° C
23C0335-17	Q6-EP 1	40mL Vial with Stir Bar-Cool 4° C
23C0335-18	Q6-EP 2	40mL Vial with Stir Bar-Cool 4° C
23C0335-19	Q6-EP 3	40mL Vial with Stir Bar-Cool 4° C
23C0335-20	Dupe	40mL Vial with Stir Bar-Cool 4° C
23C0335-21	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

S-GC	Two surrogates are used for this analysis. One surrogate recovered within control limits therefore the analysis is acceptable.
S-08	The recovery of this surrogate was outside of QC limits.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
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) exceeded 110% of the expected value. Positive detections may be biased high.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Corrective Action: No extra terracores were sent for MS/MSD sample Q3-EP 3, only two additional 8 ounce jars.

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. 23C0335

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, Sta., 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: 19-401.3

YOUR Project Name: 27-09 40th Ave, LIC, NY

YOUR PO#:

Turn-Around Time

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

PFAS Standard is 7-10 Days

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

Samples Collected by: (print AND sign your name) Jamie Burgher

Matrix Codes

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

Samples From

New York X
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.
Q1-EP 1	S	3/6/23 ~~0930~~ 1120	Part 375 VOCs, SVOCs, Metals, PCBs, Pesticides, Herbicides	8oz, 40mL	6
Q1-EP 2		1130			
Q1-EP 3		1135			
Q2-EP 1		0900			
Q2-EP 2		0905			
Q2-EP 3		0910			
Q2-EP 4		0920			
Q3-EP 1		0800			
Q3-EP 2		0810			
Q3-EP 3		0815			

Comments: All Samples run full Part 375

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

Preservation: (check all that apply)

HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction

Field Filtered
Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
	3/7/23 0900	R Bankroff	3/7/23 12pm	R Bankroff	3/7/23 1745
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
				R Bankroff	3/7/23 1745 / 3.1 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. 23C0335

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 Sta., 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: 19-401.3

YOUR Project Name: 27-09 40th Ave, LIC, NY

YOUR PO#:

Turn-Around Time

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

PFAS Standard is 7-10 Days

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.

Jamie Burgher JB

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 X
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)

~~Q4 - EP 1~~ Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
Q4 - EP 1	S	3/6/23 0830	[Part 375 VOCs, SVOCs, Metals, PCBs, Pesticides, Herbicides]	8oz, 40mL	6
Q4 - EP 2		0835			
Q5 - EP 1		1030			
Q5 - EP 2		1035			
Q5 - EP 3		1040			
Q5 - EP 4		1045			
Q6 - EP 1		1100			
Q6 - EP 2		1105			
Q6 - EP 3		1110			
Dupe		0700			

Comments: All samples run for full Part 375

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

Preservation: (check all that apply)

HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction

Field Filtered
Lab to Filter

Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
	3/7/23 0900	K Bankyak	3/7/23 12PM	K Bankyak	3/7/23 1745
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
				K Bloom	5/7/23 1745 / 3.1 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. 23C0335

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 Sta., 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: 19-401.3

YOUR Project Name: 27-09 40th Ave, LIC, NY

YOUR PO#:

Turn-Around Time

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

PFAS Standard is 7-10 Days

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.

Jamie Burgher

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 X
- 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.
MS/MSD [Q3-EP 3]	S	3/6/23 0815	Part 375, VOCs, SVOCs, Metals, PCBs, Pest. + Herb.	8oz, 40mL	6
~~EQ Blank~~	~~W~~	↓	~~1633 PFAS + 1,4 Dioxane~~	250mL HDPE	3
Trip Blank (x2)	W	0700	8260	40mL	3

Comments:
Equip Blank on separate PFAS Chain - NOT SUBMITTED HERE

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

Preservation: (check all that apply)
HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction
Field Filtered
Lab to Filter

Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
	3/7/23 0900	K Berkyork	3/7/23 12pm	K Berkyork	3/7/23 1745
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
				K Berkyork	3/7/23 1745 / 3.1 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: 03/16/2023
Client Project ID: 27-09 40th Ave, LIC, NY 19-401.3
York Project (SDG) No.: 23C0368

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

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: 03/16/2023
Client Project ID: 27-09 40th Ave, LIC, NY 19-401.3
York Project (SDG) No.: 23C0368

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 March 07, 2023 and listed below. The project was identified as your project: **27-09 40th Ave, LIC, NY 19-401.3**.

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
23C0368-01	Equip Blank	Water	03/06/2023	03/07/2023
23C0368-02	Q2-EP 3	Soil	03/06/2023	03/07/2023
23C0368-03	Q2-EP 4	Soil	03/06/2023	03/07/2023
23C0368-04	Q3-EP 2	Soil	03/06/2023	03/07/2023
23C0368-05	Q3-EP 3	Soil	03/06/2023	03/07/2023
23C0368-06	Q5-EP 2	Soil	03/06/2023	03/07/2023

General Notes for York Project (SDG) No.: 23C0368

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

Approved By:  **Date:** 03/16/2023

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: **Equip Blank** **York Sample ID:** **23C0368-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0368	27-09 40th Ave, LIC, NY 19-401.3	Water	March 6, 2023 10:00 am	03/07/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.871	3.28	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/14/2023 13:32	03/15/2023 19:54	ESJ
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.649	3.71	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/14/2023 13:32	03/15/2023 19:54	ESJ
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	1.32	3.71	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/14/2023 13:32	03/15/2023 19:54	ESJ
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	1.26	3.39	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/14/2023 13:32	03/15/2023 19:54	ESJ
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.778	3.71	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/14/2023 13:32	03/15/2023 19:54	ESJ
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	1.52	3.45	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/14/2023 13:32	03/15/2023 19:54	ESJ
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.964	3.71	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/14/2023 13:32	03/15/2023 19:54	ESJ
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	1.39	3.71	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/14/2023 13:32	03/15/2023 19:54	ESJ
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	2.09	3.71	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/14/2023 13:32	03/15/2023 19:54	ESJ
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	1.63	3.71	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/14/2023 13:32	03/15/2023 19:54	ESJ
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.37	3.71	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/14/2023 13:32	03/15/2023 19:54	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.28	3.71	1	EPA 1633 Draft 2 Certifications:	03/14/2023 13:32	03/15/2023 19:54	ESJ
2355-31-9	N-MeFOSAA	ND		ng/L	1.46	3.71	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/14/2023 13:32	03/15/2023 19:54	ESJ
2991-50-6	N-EtFOSAA	ND		ng/L	1.91	3.71	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/14/2023 13:32	03/15/2023 19:54	ESJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.426	7.41	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/14/2023 13:32	03/15/2023 19:54	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	1.63	3.71	1	EPA 1633 Draft 2 Certifications:	03/14/2023 13:32	03/15/2023 19:54	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	1.69	3.54	1	EPA 1633 Draft 2 Certifications:	03/14/2023 13:32	03/15/2023 19:54	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	2.45	3.58	1	EPA 1633 Draft 2 Certifications:	03/14/2023 13:32	03/15/2023 19:54	ESJ
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	1.96	14.1	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/14/2023 13:32	03/15/2023 19:54	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	3.80	14.2	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/14/2023 13:32	03/15/2023 19:54	ESJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.612	14.8	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/14/2023 13:32	03/15/2023 19:54	ESJ
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.927	6.60	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/14/2023 13:32	03/15/2023 19:54	ESJ

Sample Information

Client Sample ID: **Equip Blank** **York Sample ID:** **23C0368-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0368	27-09 40th Ave, LIC, NY 19-401.3	Water	March 6, 2023 10:00 am	03/07/2023

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

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	3.97	7.41	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/14/2023 13:32	03/15/2023 19:54	ESJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.463	7.41	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/14/2023 13:32	03/15/2023 19:54	ESJ
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.686	7.41	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/14/2023 13:32	03/15/2023 19:54	ESJ
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	1.41	3.48	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/14/2023 13:32	03/15/2023 19:54	ESJ
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	3.32	13.9	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/14/2023 13:32	03/15/2023 19:54	ESJ
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	5.99	14.8	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/14/2023 13:32	03/15/2023 19:54	ESJ
763051-92-9	11CL-PF3OUdS	ND		ng/L	2.56	14.0	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/14/2023 13:32	03/15/2023 19:54	ESJ
756426-58-1	9CL-PF3ONS	ND		ng/L	1.30	13.9	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/14/2023 13:32	03/15/2023 19:54	ESJ
919005-14-4	ADONA	ND		ng/L	0.982	14.0	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/14/2023 13:32	03/15/2023 19:54	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	1.72	3.59	1	EPA 1633 Draft 2 Certifications:	03/14/2023 13:32	03/15/2023 19:54	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	1.59	3.56	1	EPA 1633 Draft 2 Certifications:	03/14/2023 13:32	03/15/2023 19:54	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	3.76	9.27	1	EPA 1633 Draft 2 Certifications:	03/14/2023 13:32	03/15/2023 19:54	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	13.6	46.3	1	EPA 1633 Draft 2 Certifications:	03/14/2023 13:32	03/15/2023 19:54	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	17.5	46.3	1	EPA 1633 Draft 2 Certifications:	03/14/2023 13:32	03/15/2023 19:54	ESJ
24448-09-7	* N-MeFOSE	ND		ng/L	7.39	37.1	1	EPA 1633 Draft 2 Certifications:	03/14/2023 13:32	03/15/2023 19:54	ESJ
31506-32-8	* N-MeFOSA	ND		ng/L	2.93	3.71	1	EPA 1633 Draft 2 Certifications:	03/14/2023 13:32	03/15/2023 19:54	ESJ
1691-99-2	* N-EtFOSE	ND		ng/L	7.39	37.1	1	EPA 1633 Draft 2 Certifications:	03/14/2023 13:32	03/15/2023 19:54	ESJ
4151-50-2	* N-EtFOSA	ND		ng/L	3.34	3.71	1	EPA 1633 Draft 2 Certifications:	03/14/2023 13:32	03/15/2023 19:54	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*110 %*	*25-150*
Surrogate: M5PFHxA	*115 %*	*25-150*
Surrogate: M4PFHpA	*109 %*	*25-150*
Surrogate: M3PFHxS	*126 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*104 %*	*25-150*
Surrogate: M6PFDA	*104 %*	*25-150*
Surrogate: M7PFUdA	*96.5 %*	*25-150*

Sample Information

Client Sample ID: **Equip Blank** **York Sample ID:** **23C0368-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0368	27-09 40th Ave, LIC, NY 19-401.3	Water	March 6, 2023 10:00 am	03/07/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*67.9 %*			*25-150*						
	Surrogate: M2PFTeDA	*25.2 %*			*10-150*						
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*22.4 %*			*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*111 %*			*25-150*						
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*116 %*			*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*112 %*			*10-150*						
	Surrogate: d3-N-MeFOSAA	*63.6 %*			*25-150*						
	Surrogate: d5-N-EtFOSAA	*59.8 %*			*25-150*						
	Surrogate: M2-6:2 FTS	*91.2 %*			*25-200*						
	Surrogate: M2-8:2 FTS	*77.0 %*			*25-200*						
	Surrogate: M9PFNA	*110 %*			*25-150*						
	Surrogate: M2-4:2 FTS	*102 %*			*25-150*						
	Surrogate: d-N-MeFOSA	*83.8 %*			*25-150*						
	Surrogate: d-N-EtFOSA	*64.0 %*			*25-150*						
	Surrogate: M3HFPO-DA	*123 %*			*25-150*						
	Surrogate: d9-N-EtFOSE	*13.0 %*			*25-150*						
	Surrogate: d7-N-MeFOSE	*29.6 %*			*25-150*						

Sample Information

Client Sample ID: **Q2-EP 3** **York Sample ID:** **23C0368-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0368	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 9:10 am	03/07/2023

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.6	1	EPA 8270D SIM Certifications: NELAC-NY10854	03/09/2023 08:25	03/13/2023 16:22	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*50.2 %*	*39-127.5*

Sample Information

Client Sample ID: Q2-EP 3 **York Sample ID:** 23C0368-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0368	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 9:10 am	03/07/2023

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

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.124	0.197	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 17:32	ESJ
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0590	0.223	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/09/2023 11:10	03/13/2023 17:32	ESJ
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.117	0.223	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/09/2023 11:10	03/13/2023 17:32	ESJ
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.199	0.204	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 17:32	ESJ
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.191	0.223	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/09/2023 11:10	03/13/2023 17:32	ESJ
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.186	0.207	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/09/2023 11:10	03/13/2023 17:32	ESJ
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.210	0.223	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/09/2023 11:10	03/13/2023 17:32	ESJ
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.213	0.223	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/09/2023 11:10	03/13/2023 17:32	ESJ
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.220	0.223	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/09/2023 11:10	03/13/2023 17:32	ESJ
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.181	0.223	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/09/2023 11:10	03/13/2023 17:32	ESJ
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.139	0.223	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/09/2023 11:10	03/13/2023 17:32	ESJ
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.115	0.223	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/09/2023 11:10	03/13/2023 17:32	ESJ
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.165	0.223	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/09/2023 11:10	03/13/2023 17:32	ESJ
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.216	0.223	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/09/2023 11:10	03/13/2023 17:32	ESJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.121	0.445	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/09/2023 11:10	03/13/2023 17:32	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.163	0.223	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 17:32	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.173	0.223	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 17:32	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.213	0.215	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 17:32	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.662	0.846	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 17:32	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.841	0.855	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/09/2023 11:10	03/13/2023 17:32	ESJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.121	0.891	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/09/2023 11:10	03/13/2023 17:32	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.155	0.396	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 17:32	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.215	0.445	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 17:32	ESJ

Sample Information

Client Sample ID: Q2-EP 3 **York Sample ID:** 23C0368-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0368	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 9:10 am	03/07/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0690	0.445	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 17:32	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.107	0.445	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 17:32	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.175	0.209	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 17:32	ESJ
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.662	0.835	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 17:32	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.677	0.891	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 17:32	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.346	0.842	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 17:32	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.274	0.833	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 17:32	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	0.194	0.842	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 17:32	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.188	0.216	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 17:32	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.138	0.214	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 17:32	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.706	1.11	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 17:32	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.34	5.57	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 17:32	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.67	5.57	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 17:32	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.680	2.23	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 17:32	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.200	0.223	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 17:32	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.776	2.23	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 17:32	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.220	0.223	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 17:32	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*103 %*	*25-150*
Surrogate: M5PFHxA	*99.2 %*	*25-150*
Surrogate: M4PFHpA	*97.6 %*	*25-150*
Surrogate: M3PFHxS	*111 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*97.1 %*	*25-150*
Surrogate: M6PFDA	*84.8 %*	*25-150*
Surrogate: M7PFUdA	*81.6 %*	*25-150*

Sample Information

Client Sample ID: Q2-EP 3 **York Sample ID:** 23C0368-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0368	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 9:10 am	03/07/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*72.0 %*			*25-150*						
	Surrogate: M2PFTeDA	*58.3 %*			*10-150*						
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*99.4 %*			*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*82.5 %*			*25-150*						
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*98.5 %*			*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*77.5 %*			*10-150*						
	Surrogate: d3-N-MeFOSAA	*80.9 %*			*25-150*						
	Surrogate: d5-N-EtFOSAA	*77.6 %*			*25-150*						
	Surrogate: M2-6:2 FTS	*101 %*			*25-200*						
	Surrogate: M2-8:2 FTS	*83.0 %*			*25-200*						
	Surrogate: M9PFNA	*91.5 %*			*25-150*						
	Surrogate: M2-4:2 FTS	*92.8 %*			*25-150*						
	Surrogate: d-N-MeFOSA	*57.8 %*			*25-150*						
	Surrogate: d-N-EtFOSA	*52.2 %*			*25-150*						
	Surrogate: M3HFPO-DA	*106 %*			*25-150*						
	Surrogate: d9-N-EtFOSE	*58.9 %*			*25-150*						
	Surrogate: d7-N-MeFOSE	*65.0 %*			*25-150*						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**88.9**		%	0.100	1	SM 2540G	03/10/2023 10:51	03/10/2023 17:35	NJO
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: Q2-EP 4 **York Sample ID:** 23C0368-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0368	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 9:20 am	03/07/2023

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

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: Q2-EP 4 **York Sample ID:** 23C0368-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0368	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 9:20 am	03/07/2023

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.6	1	EPA 8270D SIM Certifications: NELAC-NY10854	03/09/2023 08:25	03/13/2023 16:40	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*51.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.120	0.192	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 17:48	ESJ
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0574	0.217	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/09/2023 11:10	03/13/2023 17:48	ESJ
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.114	0.217	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/09/2023 11:10	03/13/2023 17:48	ESJ
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.194	0.198	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 17:48	ESJ
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.186	0.217	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/09/2023 11:10	03/13/2023 17:48	ESJ
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.181	0.202	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/09/2023 11:10	03/13/2023 17:48	ESJ
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.205	0.217	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/09/2023 11:10	03/13/2023 17:48	ESJ
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.207	0.217	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/09/2023 11:10	03/13/2023 17:48	ESJ
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.215	0.217	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/09/2023 11:10	03/13/2023 17:48	ESJ
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.177	0.217	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/09/2023 11:10	03/13/2023 17:48	ESJ
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.135	0.217	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/09/2023 11:10	03/13/2023 17:48	ESJ
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.112	0.217	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/09/2023 11:10	03/13/2023 17:48	ESJ
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.160	0.217	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/09/2023 11:10	03/13/2023 17:48	ESJ
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.210	0.217	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/09/2023 11:10	03/13/2023 17:48	ESJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.118	0.433	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/09/2023 11:10	03/13/2023 17:48	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.158	0.217	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 17:48	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.168	0.217	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 17:48	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.207	0.209	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 17:48	ESJ

Sample Information

Client Sample ID: Q2-EP 4 **York Sample ID:** 23C0368-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0368	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 9:20 am	03/07/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.645	0.824	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 17:48	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.818	0.832	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/09/2023 11:10	03/13/2023 17:48	ESJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.118	0.867	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/09/2023 11:10	03/13/2023 17:48	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.151	0.386	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 17:48	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.209	0.433	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 17:48	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0672	0.433	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 17:48	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.104	0.433	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 17:48	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.170	0.204	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 17:48	ESJ
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.645	0.813	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 17:48	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.659	0.867	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 17:48	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.337	0.819	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 17:48	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.267	0.811	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 17:48	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	0.189	0.819	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 17:48	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.183	0.210	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 17:48	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.134	0.208	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 17:48	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.687	1.08	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 17:48	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.27	5.42	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 17:48	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.63	5.42	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 17:48	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.662	2.17	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 17:48	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.195	0.217	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 17:48	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.755	2.17	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 17:48	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.215	0.217	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 17:48	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*97.7 %*	*25-150*

Sample Information

Client Sample ID: **Q2-EP 4** **York Sample ID:** **23C0368-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0368	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 9:20 am	03/07/2023

PFAS, EPA 1633 Target List

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

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M5PFHxA	*96.9 %*			*25-150*						
	Surrogate: M4PFHpA	*93.7 %*			*25-150*						
	Surrogate: M3PFHxS	*92.6 %*			*25-150*						
	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*90.3 %*			*25-150*						
	Surrogate: M6PFDA	*85.7 %*			*25-150*						
	Surrogate: M7PFUdA	*85.2 %*			*25-150*						
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*82.0 %*			*25-150*						
	Surrogate: M2PFTeDA	*70.4 %*			*10-150*						
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*96.6 %*			*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*84.2 %*			*25-150*						
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*98.7 %*			*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*71.2 %*			*10-150*						
	Surrogate: d3-N-MeFOSAA	*73.5 %*			*25-150*						
	Surrogate: d5-N-EtFOSAA	*76.5 %*			*25-150*						
	Surrogate: M2-6:2 FTS	*78.4 %*			*25-200*						
	Surrogate: M2-8:2 FTS	*78.6 %*			*25-200*						
	Surrogate: M9PFNA	*94.4 %*			*25-150*						
	Surrogate: M2-4:2 FTS	*81.9 %*			*25-150*						
	Surrogate: d-N-MeFOSA	*62.2 %*			*25-150*						
	Surrogate: d-N-EtFOSA	*67.4 %*			*25-150*						
	Surrogate: M3HFPO-DA	*102 %*			*25-150*						
	Surrogate: d9-N-EtFOSE	*74.2 %*			*25-150*						
	Surrogate: d7-N-MeFOSE	*74.7 %*			*25-150*						

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.2**		%	0.100	1	SM 2540G	03/10/2023 10:51	03/10/2023 17:35	NJO
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: Q3-EP 2 **York Sample ID:** 23C0368-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0368	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 8:10 am	03/07/2023

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.6	1	EPA 8270D SIM Certifications: NELAC-NY10854	03/09/2023 08:25	03/13/2023 16:57	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*48.5 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.124	0.197	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/15/2023 23:22	ESJ
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0591	0.223	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/09/2023 11:10	03/15/2023 23:22	ESJ
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.117	0.223	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/09/2023 11:10	03/15/2023 23:22	ESJ
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.199	0.204	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/15/2023 23:22	ESJ
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.192	0.223	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/09/2023 11:10	03/15/2023 23:22	ESJ
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.186	0.207	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/09/2023 11:10	03/15/2023 23:22	ESJ
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.211	0.223	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/09/2023 11:10	03/15/2023 23:22	ESJ
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.213	0.223	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/09/2023 11:10	03/15/2023 23:22	ESJ
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.221	0.223	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/09/2023 11:10	03/15/2023 23:22	ESJ
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.182	0.223	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/09/2023 11:10	03/15/2023 23:22	ESJ
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.139	0.223	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/09/2023 11:10	03/15/2023 23:22	ESJ
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.115	0.223	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/09/2023 11:10	03/15/2023 23:22	ESJ
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.165	0.223	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/09/2023 11:10	03/15/2023 23:22	ESJ
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.216	0.223	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/09/2023 11:10	03/15/2023 23:22	ESJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.121	0.446	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/09/2023 11:10	03/15/2023 23:22	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.163	0.223	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/15/2023 23:22	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.173	0.223	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/15/2023 23:22	ESJ

Sample Information

Client Sample ID: Q3-EP 2 **York Sample ID:** 23C0368-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0368	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 8:10 am	03/07/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.213	0.215	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/15/2023 23:22	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.663	0.847	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/15/2023 23:22	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.841	0.856	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/09/2023 11:10	03/15/2023 23:22	ESJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.121	0.891	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/09/2023 11:10	03/15/2023 23:22	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.155	0.397	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/15/2023 23:22	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.215	0.446	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/15/2023 23:22	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0691	0.446	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/15/2023 23:22	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.107	0.446	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/15/2023 23:22	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.175	0.210	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/15/2023 23:22	ESJ
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.663	0.836	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/15/2023 23:22	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.678	0.891	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/15/2023 23:22	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.347	0.842	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/15/2023 23:22	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.274	0.834	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/15/2023 23:22	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	0.194	0.842	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/15/2023 23:22	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.188	0.216	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/15/2023 23:22	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.138	0.214	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/15/2023 23:22	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.707	1.11	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/15/2023 23:22	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.34	5.57	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/15/2023 23:22	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.67	5.57	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/15/2023 23:22	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.681	2.23	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/15/2023 23:22	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.201	0.223	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/15/2023 23:22	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.777	2.23	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/15/2023 23:22	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.221	0.223	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/15/2023 23:22	ESJ

Sample Information

Client Sample ID: Q3-EP 2 **York Sample ID:** 23C0368-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0368	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 8:10 am	03/07/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**			**Acceptance Range**						
	Surrogate: M3PFBS	*103 %*			*25-150*						
	Surrogate: M5PFHxA	*102 %*			*25-150*						
	Surrogate: M4PFHpA	*95.6 %*			*25-150*						
	Surrogate: M3PFHxS	*105 %*			*25-150*						
	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*93.1 %*			*25-150*						
	Surrogate: M6PFDA	*88.7 %*			*25-150*						
	Surrogate: M7PFUdA	*79.5 %*			*25-150*						
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*79.4 %*			*25-150*						
	Surrogate: M2PFTeDA	*64.1 %*			*10-150*						
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*97.4 %*			*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*97.0 %*			*25-150*						
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*102 %*			*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*87.6 %*			*10-150*						
	Surrogate: d3-N-MeFOSAA	*81.1 %*			*25-150*						
	Surrogate: d5-N-EtFOSAA	*81.8 %*			*25-150*						
	Surrogate: M2-6:2 FTS	*94.6 %*			*25-200*						
	Surrogate: M2-8:2 FTS	*89.6 %*			*25-200*						
	Surrogate: M9PFNA	*89.6 %*			*25-150*						
	Surrogate: M2-4:2 FTS	*102 %*			*25-150*						
	Surrogate: d-N-MeFOSA	*70.7 %*			*25-150*						
	Surrogate: d-N-EtFOSA	*81.0 %*			*25-150*						
	Surrogate: M3HFPO-DA	*108 %*			*25-150*						
	Surrogate: d9-N-EtFOSE	*92.0 %*			*25-150*						
	Surrogate: d7-N-MeFOSE	*98.3 %*			*25-150*						

Sample Information

Client Sample ID: Q3-EP 2 **York Sample ID:** 23C0368-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0368	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 8:10 am	03/07/2023

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.6**		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	03/10/2023 10:51	03/10/2023 17:35	NJO

Sample Information

Client Sample ID: Q3-EP 3 **York Sample ID:** 23C0368-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0368	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 8:15 am	03/07/2023

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.6	1	EPA 8270D SIM Certifications: NELAC-NY10854	03/09/2023 08:25	03/13/2023 17:14	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*49.5 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.125	0.200	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 18:20	ESJ
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0599	0.226	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/09/2023 11:10	03/13/2023 18:20	ESJ
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.119	0.226	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/09/2023 11:10	03/13/2023 18:20	ESJ
355-46-4	*** Perfluorohexanesulfonic acid (PFHxS)**	**0.336**		ug/kg dry	0.202	0.207	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 18:20	ESJ
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.194	0.226	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/09/2023 11:10	03/13/2023 18:20	ESJ
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.189	0.210	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/09/2023 11:10	03/13/2023 18:20	ESJ
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.214	0.226	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/09/2023 11:10	03/13/2023 18:20	ESJ
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.216	0.226	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/09/2023 11:10	03/13/2023 18:20	ESJ
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.224	0.226	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/09/2023 11:10	03/13/2023 18:20	ESJ

Sample Information

Client Sample ID: Q3-EP 3 **York Sample ID:** 23C0368-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0368	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 8:15 am	03/07/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.184	0.226	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/09/2023 11:10	03/13/2023 18:20	ESJ
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.141	0.226	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/09/2023 11:10	03/13/2023 18:20	ESJ
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.116	0.226	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/09/2023 11:10	03/13/2023 18:20	ESJ
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.167	0.226	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/09/2023 11:10	03/13/2023 18:20	ESJ
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.219	0.226	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/09/2023 11:10	03/13/2023 18:20	ESJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.123	0.452	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/09/2023 11:10	03/13/2023 18:20	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.165	0.226	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 18:20	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.175	0.226	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 18:20	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.216	0.218	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 18:20	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.672	0.859	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 18:20	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.853	0.868	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/09/2023 11:10	03/13/2023 18:20	ESJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.123	0.904	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/09/2023 11:10	03/13/2023 18:20	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.157	0.402	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 18:20	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.218	0.452	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 18:20	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0701	0.452	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 18:20	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.108	0.452	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 18:20	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.177	0.212	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 18:20	ESJ
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.672	0.848	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 18:20	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.687	0.904	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 18:20	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.351	0.854	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 18:20	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.278	0.845	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 18:20	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	0.197	0.854	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 18:20	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.191	0.219	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 18:20	ESJ

Sample Information

Client Sample ID: Q3-EP 3 **York Sample ID:** 23C0368-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0368	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 8:15 am	03/07/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.140	0.217	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 18:20	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.716	1.13	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 18:20	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.37	5.65	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 18:20	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.70	5.65	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 18:20	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.690	2.26	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 18:20	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.203	0.226	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 18:20	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.788	2.26	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 18:20	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.224	0.226	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 18:20	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*95.3 %*	*25-150*
Surrogate: M5PFHxA	*98.9 %*	*25-150*
Surrogate: M4PFHpA	*89.1 %*	*25-150*
Surrogate: M3PFHxS	*89.9 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*86.0 %*	*25-150*
Surrogate: M6PFDA	*72.9 %*	*25-150*
Surrogate: M7PFUdA	*76.6 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*65.8 %*	*25-150*
Surrogate: M2PFTeDA	*65.0 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*99.6 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*82.7 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*99.1 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*68.4 %*	*10-150*
Surrogate: d3-N-MeFOSAA	*67.1 %*	*25-150*
Surrogate: d5-N-EtFOSAA	*64.8 %*	*25-150*
Surrogate: M2-6:2 FTS	*78.9 %*	*25-200*
Surrogate: M2-8:2 FTS	*72.5 %*	*25-200*
Surrogate: M9PFNA	*92.6 %*	*25-150*
Surrogate: M2-4:2 FTS	*79.6 %*	*25-150*
Surrogate: d-N-MeFOSA	*61.1 %*	*25-150*
Surrogate: d-N-EtFOSA	*75.6 %*	*25-150*

Sample Information

Client Sample ID: Q3-EP 3 **York Sample ID:** 23C0368-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0368	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 8:15 am	03/07/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M3HFPO-DA	*101 %*			*25-150*						
	Surrogate: d9-N-EtFOSE	*68.1 %*			*25-150*						
	Surrogate: d7-N-MeFOSE	*69.8 %*			*25-150*						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**87.1**		%	0.100	1	SM 2540G	03/10/2023 10:51	03/10/2023 17:35	NJO
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: Q5-EP 2 **York Sample ID:** 23C0368-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0368	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 10:35 am	03/07/2023

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.4	1	EPA 8270D SIM	03/09/2023 08:25	03/13/2023 17:31	KH
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*58.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.117	0.186	1	EPA 1633 Draft 2	03/09/2023 11:10	03/13/2023 19:08	ESJ
								Certifications:			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0558	0.211	1	EPA 1633 Draft 2	03/09/2023 11:10	03/13/2023 19:08	ESJ
								Certifications: NELAC-NY12058			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.111	0.211	1	EPA 1633 Draft 2	03/09/2023 11:10	03/13/2023 19:08	ESJ
								Certifications: NELAC-NY12058			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.189	0.193	1	EPA 1633 Draft 2	03/09/2023 11:10	03/13/2023 19:08	ESJ
								Certifications:			

Sample Information

Client Sample ID: Q5-EP 2 **York Sample ID:** 23C0368-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0368	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 10:35 am	03/07/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.181	0.211	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/09/2023 11:10	03/13/2023 19:08	ESJ
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.176	0.196	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/09/2023 11:10	03/13/2023 19:08	ESJ
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.199	0.211	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/09/2023 11:10	03/13/2023 19:08	ESJ
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.201	0.211	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/09/2023 11:10	03/13/2023 19:08	ESJ
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.209	0.211	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/09/2023 11:10	03/13/2023 19:08	ESJ
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.172	0.211	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/09/2023 11:10	03/13/2023 19:08	ESJ
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.132	0.211	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/09/2023 11:10	03/13/2023 19:08	ESJ
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.109	0.211	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/09/2023 11:10	03/13/2023 19:08	ESJ
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.156	0.211	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/09/2023 11:10	03/13/2023 19:08	ESJ
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.204	0.211	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/09/2023 11:10	03/13/2023 19:08	ESJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.115	0.421	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/09/2023 11:10	03/13/2023 19:08	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.154	0.211	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 19:08	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.163	0.211	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 19:08	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.201	0.203	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 19:08	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.627	0.801	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 19:08	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.795	0.809	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/09/2023 11:10	03/13/2023 19:08	ESJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.115	0.843	1	EPA 1633 Draft 2 Certifications: NELAC-NY12058	03/09/2023 11:10	03/13/2023 19:08	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.146	0.375	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 19:08	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.203	0.421	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 19:08	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0653	0.421	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 19:08	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.101	0.421	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 19:08	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.165	0.198	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 19:08	ESJ
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.627	0.790	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 19:08	ESJ

Sample Information

Client Sample ID: **Q5-EP 2** **York Sample ID:** **23C0368-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0368	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 10:35 am	03/07/2023

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

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.640	0.843	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 19:08	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.328	0.796	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 19:08	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.259	0.788	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 19:08	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	0.183	0.796	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 19:08	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.178	0.204	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 19:08	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.131	0.202	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 19:08	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.668	1.05	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 19:08	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.21	5.27	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 19:08	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.58	5.27	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 19:08	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.644	2.11	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 19:08	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.190	0.211	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 19:08	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.734	2.11	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 19:08	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.209	0.211	1	EPA 1633 Draft 2 Certifications:	03/09/2023 11:10	03/13/2023 19:08	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*98.3 %*	*25-150*
Surrogate: M5PFHxA	*91.8 %*	*25-150*
Surrogate: M4PFHpA	*73.5 %*	*25-150*
Surrogate: M3PFHxS	*79.4 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*70.9 %*	*25-150*
Surrogate: M6PFDA	*54.9 %*	*25-150*
Surrogate: M7PFUdA	*48.8 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*45.3 %*	*25-150*
Surrogate: M2PFTeDA	*45.3 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*101 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*55.5 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*99.5 %*	*25-150*

Sample Information

Client Sample ID: **Q5-EP 2** **York Sample ID:** **23C0368-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0368	27-09 40th Ave, LIC, NY 19-401.3	Soil	March 6, 2023 10:35 am	03/07/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*51.1 %*			*10-150*						
	Surrogate: d3-N-MeFOSAA	*46.2 %*			*25-150*						
	Surrogate: d5-N-EtFOSAA	*47.5 %*			*25-150*						
	Surrogate: M2-6:2 FTS	*66.3 %*			*25-200*						
	Surrogate: M2-8:2 FTS	*48.4 %*			*25-200*						
	Surrogate: M9PFNA	*81.0 %*			*25-150*						
	Surrogate: M2-4:2 FTS	*75.9 %*			*25-150*						
	Surrogate: d-N-MeFOSA	*40.6 %*			*25-150*						
	Surrogate: d-N-EtFOSA	*51.0 %*			*25-150*						
	Surrogate: M3HFPO-DA	*105 %*			*25-150*						
	Surrogate: d9-N-EtFOSE	*45.3 %*			*25-150*						
	Surrogate: d7-N-MeFOSE	*48.0 %*			*25-150*						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**93.8**		%	0.100	1	SM 2540G	03/10/2023 10:51	03/10/2023 17:35	NJO
							Certifications: CTDOH-PH-0723			

Analytical Batch Summary

Batch ID: BC30575 **Preparation Method:** EPA 3550C **Prepared By:** NF

YORK Sample ID	Client Sample ID	Preparation Date
23C0368-02	Q2-EP 3	03/09/23
23C0368-03	Q2-EP 4	03/09/23
23C0368-04	Q3-EP 2	03/09/23
23C0368-05	Q3-EP 3	03/09/23
23C0368-06	Q5-EP 2	03/09/23
BC30575-BLK1	Blank	03/09/23
BC30575-BS1	LCS	03/09/23
BC30575-MS1	Matrix Spike	03/09/23
BC30575-MSD1	Matrix Spike Dup	03/09/23

Batch ID: BC30698 **Preparation Method:** % Solids Prep **Prepared By:** sgs

YORK Sample ID	Client Sample ID	Preparation Date
23C0368-02	Q2-EP 3	03/10/23
23C0368-03	Q2-EP 4	03/10/23
23C0368-04	Q3-EP 2	03/10/23
23C0368-05	Q3-EP 3	03/10/23
23C0368-06	Q5-EP 2	03/10/23
BC30698-DUP1	Duplicate	03/10/23

Batch ID: BC30701 **Preparation Method:** EPA 1633 Prep **Prepared By:** BAMW

YORK Sample ID	Client Sample ID	Preparation Date
23C0368-02	Q2-EP 3	03/09/23
23C0368-03	Q2-EP 4	03/09/23
23C0368-04	Q3-EP 2	03/09/23
23C0368-05	Q3-EP 3	03/09/23
23C0368-06	Q5-EP 2	03/09/23
BC30701-BLK1	Blank	03/09/23
BC30701-BS1	LCS	03/09/23
BC30701-BS2	LCS	03/09/23
BC30701-DUP1	Duplicate	03/09/23

Batch ID: BC30953 **Preparation Method:** EPA 1633 Prep **Prepared By:** BAMW

YORK Sample ID	Client Sample ID	Preparation Date
23C0368-01	Equip Blank	03/14/23
BC30953-BLK1	Blank	03/14/23
BC30953-BS1	LCS	03/14/23
BC30953-BS2	LCS	03/14/23
BC30953-DUP1	Duplicate	03/14/23

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30575 - EPA 3550C											
Blank (BC30575-BLK1)									Prepared: 03/09/2023 Analyzed: 03/10/2023		
1,4-Dioxane	ND	19.8	ug/kg								
Surrogate: 1,4-Dioxane-d8	*241*		*"*	*495*		*48.7*	*39-127.5*				
LCS (BC30575-BS1)									Prepared: 03/09/2023 Analyzed: 03/13/2023		
1,4-Dioxane	497	19.8	ug/kg	495		100	40-130				
Surrogate: 1,4-Dioxane-d8	*236*		*"*	*495*		*47.7*	*39-127.5*				
Matrix Spike (BC30575-MS1)	*Source sample: 23C0373-01 (Matrix Spike)								Prepared: 03/09/2023 Analyzed: 03/13/2023		
1,4-Dioxane	472	19.2	ug/kg	481	ND	98.2	40-130				
Surrogate: 1,4-Dioxane-d8	*250*		*"*	*481*		*52.1*	*40-130*				
Matrix Spike Dup (BC30575-MSD1)	*Source sample: 23C0373-01 (Matrix Spike Dup)								Prepared: 03/09/2023 Analyzed: 03/13/2023		
1,4-Dioxane	481	19.6	ug/kg	490	ND	98.2	40-130		1.94	30	
Surrogate: 1,4-Dioxane-d8	*242*		*"*	*490*		*49.4*	*40-130*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30701 - EPA 1633 Prep											
Blank (BC30701-BLK1)											Prepared: 03/09/2023 Analyzed: 03/13/2023
Perfluorobutanesulfonic acid (PFBS)	ND	0.175	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.197	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.197	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.180	"								
Perfluorooctanoic acid (PFOA)	ND	0.197	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.183	"								
Perfluorononanoic acid (PFNA)	ND	0.197	"								
Perfluorodecanoic acid (PFDA)	ND	0.197	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.197	"								
Perfluorododecanoic acid (PFDoA)	ND	0.197	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.197	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.197	"								
N-MeFOSAA	ND	0.197	"								
N-EtFOSAA	ND	0.197	"								
Perfluoropentanoic acid (PFPeA)	ND	0.394	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.197	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.197	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.190	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	0.750	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	0.757	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.789	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.351	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.394	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.394	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.394	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.185	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	0.740	"								
HFPO-DA (Gen-X)	ND	0.789	"								
11CL-PF3OUdS	ND	0.746	"								
9CL-PF3ONS	ND	0.738	"								
ADONA	ND	0.746	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.191	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.189	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.986	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	4.93	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	4.93	"								
N-MeFOSE	ND	1.97	"								
N-MeFOSA	ND	0.197	"								
N-EtFOSE	ND	1.97	"								
N-EtFOSA	ND	0.197	"								
Surrogate: M3PFBS	*2.25*		"	*2.30*		*97.8*	*25-150*				
Surrogate: M5PFHxA	*2.16*		"	*2.47*		*87.7*	*25-150*				
Surrogate: M4PFHpA	*2.05*		"	*2.47*		*83.1*	*25-150*				
Surrogate: M3PFHxS	*2.10*		"	*2.34*		*89.7*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*1.98*		"	*2.47*		*80.4*	*25-150*				
Surrogate: M6PFDA	*0.931*		"	*1.23*		*75.6*	*25-150*				
Surrogate: M7PFUdA	*1.06*		"	*1.23*		*86.0*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30701 - EPA 1633 Prep											
Blank (BC30701-BLK1)								Prepared: 03/09/2023 Analyzed: 03/13/2023			
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.01*		*ug/kg wet*	*1.23*		*82.2*	*25-150*				
Surrogate: M2PFTeDA	*0.879*		*"*	*1.23*		*71.3*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*9.06*		*"*	*9.86*		*91.8*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*1.78*		*"*	*2.36*		*75.5*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.46*		*"*	*4.93*		*90.5*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.77*		*"*	*2.47*		*71.9*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.50*		*"*	*4.93*		*71.0*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.87*		*"*	*4.93*		*78.5*	*25-150*				
Surrogate: M2-6:2 FTS	*3.74*		*"*	*4.69*		*79.8*	*25-200*				
Surrogate: M2-8:2 FTS	*3.77*		*"*	*4.73*		*79.6*	*25-200*				
Surrogate: M9PFNA	*1.09*		*"*	*1.23*		*88.2*	*25-150*				
Surrogate: M2-4:2 FTS	*4.12*		*"*	*4.63*		*89.0*	*25-150*				
Surrogate: d-N-MeFOSA	*1.62*		*"*	*2.47*		*65.6*	*25-150*				
Surrogate: d-N-EtFOSA	*1.70*		*"*	*2.47*		*69.1*	*25-150*				
Surrogate: M3HFPO-DA	*9.41*		*"*	*9.86*		*95.5*	*25-150*				
Surrogate: d9-N-EtFOSE	*18.4*		*"*	*24.7*		*74.7*	*25-150*				
Surrogate: d7-N-MeFOSE	*19.3*		*"*	*24.7*		*78.3*	*25-150*				
LCS (BC30701-BS1)								Prepared: 03/09/2023 Analyzed: 03/13/2023			
Perfluorobutanesulfonic acid (PFBS)	3.01	0.175	ug/kg wet	3.50		86.0	50-150				
Perfluorohexanoic acid (PFHxA)	3.37	0.198	"	3.96		85.1	50-150				
Perfluoroheptanoic acid (PFHpA)	3.61	0.198	"	3.96		91.1	50-150				
Perfluorohexanesulfonic acid (PFHxS)	2.97	0.181	"	3.62		81.8	50-150				
Perfluorooctanoic acid (PFOA)	3.13	0.198	"	3.96		79.0	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.19	0.184	"	3.68		86.6	50-150				
Perfluorononanoic acid (PFNA)	2.97	0.198	"	3.96		75.0	50-150				
Perfluorodecanoic acid (PFDA)	2.91	0.198	"	3.96		73.5	50-150				
Perfluoroundecanoic acid (PFUnA)	3.11	0.198	"	3.96		78.4	50-150				
Perfluorododecanoic acid (PFDoA)	3.41	0.198	"	3.96		86.1	50-150				
Perfluorotridecanoic acid (PFTrDA)	3.42	0.198	"	3.96		86.3	50-150				
Perfluorotetradecanoic acid (PFTA)	3.49	0.198	"	3.96		88.1	50-150				
N-MeFOSAA	3.40	0.198	"	3.96		85.8	50-150				
N-EtFOSAA	3.36	0.198	"	3.96		84.7	50-150				
Perfluoropentanoic acid (PFPeA)	6.47	0.396	"	7.92		81.6	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	3.34	0.198	"	3.96		84.3	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.27	0.198	"	3.78		86.4	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3.02	0.191	"	3.82		79.0	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	12.0	0.752	"	15.0		79.6	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	12.9	0.760	"	15.2		85.0	50-150				
Perfluoro-n-butanoic acid (PFBA)	13.3	0.792	"	15.8		84.3	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	6.15	0.352	"	7.05		87.3	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	7.64	0.396	"	7.92		96.5	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	6.99	0.396	"	7.92		88.3	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	6.45	0.396	"	7.92		81.4	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.13	0.186	"	3.72		84.1	50-150				

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

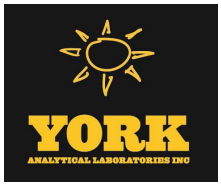
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30701 - EPA 1633 Prep											
LCS (BC30701-BS1)								Prepared: 03/09/2023 Analyzed: 03/13/2023			
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	12.2	0.743	ug/kg wet	14.9		82.4	50-150				
HFPO-DA (Gen-X)	7.85	0.792	"	7.92		99.1	50-150				
11CL-PF3OUdS	4.92	0.749	"	7.49		65.8	50-150				
9CL-PF3ONS	5.83	0.741	"	7.41		78.7	50-150				
ADONA	6.60	0.749	"	7.49		88.2	50-150				
Perfluorododecanesulfonic acid (PFDoS)	2.61	0.192	"	3.84		68.0	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	3.71	0.190	"	3.80		97.5	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	16.6	0.990	"	15.8		105	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	86.8	4.95	"	79.2		110	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	71.3	4.95	"	79.2		90.0	50-150				
N-MeFOSE	35.5	1.98	"	39.6		89.7	50-150				
N-MeFOSA	3.75	0.198	"	3.96		94.6	50-150				
N-EtFOSE	30.9	1.98	"	39.6		78.0	50-150				
N-EtFOSA	3.55	0.198	"	3.96		89.7	50-150				
Surrogate: M3PFBS	*2.14*		"	*2.31*		*92.9*	*25-150*				
Surrogate: M5PFHxA	*2.42*		"	*2.48*		*97.6*	*25-150*				
Surrogate: M4PFHpA	*2.19*		"	*2.48*		*88.4*	*25-150*				
Surrogate: M3PFHxS	*2.04*		"	*2.35*		*86.9*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.16*		"	*2.48*		*87.3*	*25-150*				
Surrogate: M6PFDA	*1.16*		"	*1.24*		*93.8*	*25-150*				
Surrogate: M7PFUdA	*1.13*		"	*1.24*		*91.5*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.09*		"	*1.24*		*88.2*	*25-150*				
Surrogate: M2PFTeDA	*0.972*		"	*1.24*		*78.5*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*10.2*		"	*9.90*		*103*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*1.90*		"	*2.37*		*80.0*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.11*		"	*4.95*		*103*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.78*		"	*2.48*		*71.9*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.67*		"	*4.95*		*74.1*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.54*		"	*4.95*		*71.5*	*25-150*				
Surrogate: M2-6:2 FTS	*4.27*		"	*4.71*		*90.7*	*25-200*				
Surrogate: M2-8:2 FTS	*3.62*		"	*4.75*		*76.2*	*25-200*				
Surrogate: M9PFNA	*1.12*		"	*1.24*		*90.1*	*25-150*				
Surrogate: M2-4:2 FTS	*4.05*		"	*4.64*		*87.3*	*25-150*				
Surrogate: d-N-MeFOSA	*1.57*		"	*2.48*		*63.4*	*25-150*				
Surrogate: d-N-EtFOSA	*1.90*		"	*2.48*		*76.6*	*25-150*				
Surrogate: M3HFPO-DA	*11.0*		"	*9.90*		*111*	*25-150*				
Surrogate: d9-N-EtFOSE	*17.3*		"	*24.8*		*70.0*	*25-150*				
Surrogate: d7-N-MeFOSE	*19.3*		"	*24.8*		*77.9*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30701 - EPA 1633 Prep											
LCS (BC30701-BS2)								Prepared: 03/09/2023 Analyzed: 03/13/2023			
Perfluorobutanesulfonic acid (PFBS)	0.639	0.176	ug/kg wet	0.702		90.9	50-150				
Perfluorohexanoic acid (PFHxA)	0.699	0.198	"	0.794		88.1	50-150				
Perfluoroheptanoic acid (PFHpA)	0.680	0.198	"	0.794		85.6	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.629	0.182	"	0.726		86.6	50-150				
Perfluorooctanoic acid (PFOA)	0.691	0.198	"	0.794		87.0	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.695	0.185	"	0.738		94.2	50-150				
Perfluorononanoic acid (PFNA)	0.648	0.198	"	0.794		81.7	50-150				
Perfluorodecanoic acid (PFDA)	0.679	0.198	"	0.794		85.5	50-150				
Perfluoroundecanoic acid (PFUnA)	0.649	0.198	"	0.794		81.8	50-150				
Perfluorododecanoic acid (PFDoA)	0.725	0.198	"	0.794		91.4	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.605	0.198	"	0.794		76.2	50-150				
Perfluorotetradecanoic acid (PFTA)	0.757	0.198	"	0.794		95.4	50-150				
N-MeFOSAA	0.670	0.198	"	0.794		84.4	50-150				
N-EtFOSAA	0.777	0.198	"	0.794		97.9	50-150				
Perfluoropentanoic acid (PFPeA)	1.34	0.397	"	1.59		84.5	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.668	0.198	"	0.794		84.2	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.662	0.198	"	0.758		87.3	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.591	0.191	"	0.766		77.1	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	2.69	0.754	"	3.02		89.2	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	3.21	0.762	"	3.05		105	50-150				
Perfluoro-n-butanoic acid (PFBA)	2.69	0.794	"	3.17		84.7	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1.29	0.353	"	1.41		91.6	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1.63	0.397	"	1.59		103	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	1.44	0.397	"	1.59		90.7	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	1.34	0.397	"	1.59		84.1	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.688	0.187	"	0.746		92.2	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	2.64	0.744	"	2.98		88.7	50-150				
HFPO-DA (Gen-X)	1.93	0.794	"	1.59		121	50-150				
11CL-PF3OUdS	1.02	0.750	"	1.50		68.3	50-150				
9CL-PF3ONS	1.24	0.742	"	1.48		83.2	50-150				
ADONA	1.47	0.750	"	1.50		97.9	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.559	0.192	"	0.770		72.7	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.656	0.190	"	0.762		86.1	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	3.60	0.992	"	3.17		113	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	18.5	4.96	"	15.9		116	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	14.7	4.96	"	15.9		92.8	50-150				
N-MeFOSE	7.50	1.98	"	7.94		94.5	50-150				
N-MeFOSA	0.699	0.198	"	0.794		88.1	50-150				
N-EtFOSE	7.19	1.98	"	7.94		90.5	50-150				
N-EtFOSA	0.779	0.198	"	0.794		98.2	50-150				
Surrogate: M3PFBS	*2.40*		"	*2.31*		*104*	*25-150*				
Surrogate: M5PFHxA	*2.34*		"	*2.48*		*94.2*	*25-150*				
Surrogate: M4PFHpA	*2.22*		"	*2.48*		*89.5*	*25-150*				
Surrogate: M3PFHxS	*2.25*		"	*2.35*		*95.7*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.13*		"	*2.48*		*85.8*	*25-150*				
Surrogate: M6PFDA	*1.05*		"	*1.24*		*84.4*	*25-150*				
Surrogate: M7PFUdA	*1.13*		"	*1.24*		*91.5*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30701 - EPA 1633 Prep											
LCS (BC30701-BS2)											
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.925*		*ug/kg wet*	*1.24*		*74.6*	*25-150*				
Surrogate: M2PFTeDA	*0.954*		*"*	*1.24*		*76.9*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*9.99*		*"*	*9.92*		*101*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.03*		*"*	*2.38*		*85.6*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.97*		*"*	*4.96*		*100*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.89*		*"*	*2.48*		*76.1*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.76*		*"*	*4.96*		*75.9*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.68*		*"*	*4.96*		*74.1*	*25-150*				
Surrogate: M2-6:2 FTS	*3.91*		*"*	*4.72*		*83.0*	*25-200*				
Surrogate: M2-8:2 FTS	*3.71*		*"*	*4.76*		*77.9*	*25-200*				
Surrogate: M9PFNA	*1.03*		*"*	*1.24*		*83.3*	*25-150*				
Surrogate: M2-4:2 FTS	*4.12*		*"*	*4.65*		*88.6*	*25-150*				
Surrogate: d-N-MeFOSA	*1.69*		*"*	*2.48*		*68.1*	*25-150*				
Surrogate: d-N-EtFOSA	*2.05*		*"*	*2.48*		*82.8*	*25-150*				
Surrogate: M3HFPO-DA	*10.5*		*"*	*9.92*		*105*	*25-150*				
Surrogate: d9-N-EtFOSE	*18.6*		*"*	*24.8*		*75.0*	*25-150*				
Surrogate: d7-N-MeFOSE	*19.9*		*"*	*24.8*		*80.2*	*25-150*				
Duplicate (BC30701-DUP1)	*Source sample: 23C0368-06 (Q5-EP 2)										
Perfluorobutanesulfonic acid (PFBS)	ND	0.187	ug/kg dry		ND					30	
Perfluorohexanoic acid (PFHxA)	ND	0.212	"		ND					30	
Perfluoroheptanoic acid (PFHpA)	ND	0.212	"		ND					30	
Perfluorohexanesulfonic acid (PFHxS)	ND	0.194	"		ND					30	
Perfluorooctanoic acid (PFOA)	ND	0.212	"		ND					30	
Perfluorooctanesulfonic acid (PFOS)	ND	0.197	"		ND					30	
Perfluorononanoic acid (PFNA)	ND	0.212	"		ND					30	
Perfluorodecanoic acid (PFDA)	ND	0.212	"		ND					30	
Perfluoroundecanoic acid (PFUnA)	ND	0.212	"		ND					30	
Perfluorododecanoic acid (PFDoA)	ND	0.212	"		ND					30	
Perfluorotridecanoic acid (PFTrDA)	ND	0.212	"		ND					30	
Perfluorotetradecanoic acid (PFTA)	ND	0.212	"		ND					30	
N-MeFOSAA	ND	0.212	"		ND					30	
N-EtFOSAA	ND	0.212	"		ND					30	
Perfluoropentanoic acid (PFPeA)	ND	0.423	"		ND					30	
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.212	"		ND					30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.212	"		ND					30	
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.204	"		ND					30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	0.804	"		ND					30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	0.812	"		ND					30	
Perfluoro-n-butanoic acid (PFBA)	ND	0.846	"		ND					30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.376	"		ND					30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.423	"		ND					30	
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.423	"		ND					30	
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.423	"		ND					30	
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.199	"		ND					30	

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30701 - EPA 1633 Prep											
Duplicate (BC30701-DUP1)	*Source sample: 23C0368-06 (Q5-EP 2)								Prepared: 03/09/2023 Analyzed: 03/13/2023		
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	0.793	ug/kg dry		ND					30	
HFPO-DA (Gen-X)	ND	0.846	"		ND					30	
11CL-PF3OUdS	ND	0.800	"		ND					30	
9CL-PF3ONS	ND	0.791	"		ND					30	
ADONA	ND	0.800	"		ND					30	
Perfluorododecanesulfonic acid (PFDoS)	ND	0.205	"		ND					30	
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.203	"		ND					30	
3-Perfluoropropyl propanoic acid (FPrPA)	ND	1.06	"		ND					30	
3-Perfluoropentyl propanoic acid (FPePA)	ND	5.29	"		ND					30	
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	5.29	"		ND					30	
N-MeFOSE	ND	2.12	"		ND					30	
N-MeFOSA	ND	0.212	"		ND					30	
N-EtFOSE	ND	2.12	"		ND					30	
N-EtFOSA	ND	0.212	"		ND					30	
Surrogate: M3PFBS	*2.37*		"	*2.46*		*96.2*	*25-150*				
Surrogate: M5PFHxA	*2.51*		"	*2.64*		*94.9*	*25-150*				
Surrogate: M4PFHpA	*2.18*		"	*2.64*		*82.6*	*25-150*				
Surrogate: M3PFHxS	*2.39*		"	*2.51*		*95.2*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.23*		"	*2.64*		*84.4*	*25-150*				
Surrogate: M6PFDA	*1.17*		"	*1.32*		*88.8*	*25-150*				
Surrogate: M7PFUdA	*1.07*		"	*1.32*		*81.2*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.996*		"	*1.32*		*75.3*	*25-150*				
Surrogate: M2PFTeDA	*0.938*		"	*1.32*		*70.9*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*10.1*		"	*10.6*		*95.7*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.01*		"	*2.53*		*79.4*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.19*		"	*5.29*		*98.1*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.86*		"	*2.64*		*70.3*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.41*		"	*5.29*		*64.4*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.47*		"	*5.29*		*65.6*	*25-150*				
Surrogate: M2-6:2 FTS	*3.90*		"	*5.03*		*77.7*	*25-200*				
Surrogate: M2-8:2 FTS	*3.78*		"	*5.08*		*74.4*	*25-200*				
Surrogate: M9PFNA	*1.18*		"	*1.32*		*89.0*	*25-150*				
Surrogate: M2-4:2 FTS	*4.01*		"	*4.96*		*80.9*	*25-150*				
Surrogate: d-N-MeFOSA	*1.81*		"	*2.64*		*68.4*	*25-150*				
Surrogate: d-N-EtFOSA	*2.20*		"	*2.64*		*83.1*	*25-150*				
Surrogate: M3HFPO-DA	*10.2*		"	*10.6*		*96.2*	*25-150*				
Surrogate: d9-N-EtFOSE	*18.7*		"	*26.4*		*70.7*	*25-150*				
Surrogate: d7-N-MeFOSE	*20.9*		"	*26.4*		*79.2*	*25-150*				



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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30953 - EPA 1633 Prep											
Blank (BC30953-BLK1)											Prepared: 03/14/2023 Analyzed: 03/15/2023
Perfluorobutanesulfonic acid (PFBS)	ND	3.54	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	4.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	4.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	3.66	"								
Perfluorooctanoic acid (PFOA)	ND	4.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	3.72	"								
Perfluorononanoic acid (PFNA)	ND	4.00	"								
Perfluorodecanoic acid (PFDA)	ND	4.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	4.00	"								
Perfluorododecanoic acid (PFDoA)	ND	4.00	"								
Perfluorotridecanoic acid (PFTrDA)	ND	4.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	4.00	"								
N-MeFOSAA	ND	4.00	"								
N-EtFOSAA	ND	4.00	"								
Perfluoropentanoic acid (PFPeA)	ND	8.00	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	4.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	3.82	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	3.86	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	15.2	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	15.4	"								
Perfluoro-n-butanoic acid (PFBA)	ND	16.0	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	7.12	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	8.00	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	8.00	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	8.00	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	3.76	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	15.0	"								
HFPO-DA (Gen-X)	ND	16.0	"								
11CL-PF3OUdS	ND	15.1	"								
9CL-PF3ONS	ND	15.0	"								
ADONA	ND	15.1	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	3.88	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	3.84	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	10.0	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	50.0	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	50.0	"								
N-MeFOSE	ND	40.0	"								
N-MeFOSA	ND	4.00	"								
N-EtFOSE	ND	40.0	"								
N-EtFOSA	ND	4.00	"								
Surrogate: M3PFBS	*48.8*		"	*46.6*		*105*	*25-150*				
Surrogate: M5PFHxA	*56.9*		"	*50.0*		*114*	*25-150*				
Surrogate: M4PFHpA	*50.9*		"	*50.0*		*102*	*25-150*				
Surrogate: M3PFHxS	*53.2*		"	*47.4*		*112*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*53.1*		"	*50.0*		*106*	*25-150*				
Surrogate: M6PFDA	*26.8*		"	*25.0*		*107*	*25-150*				
Surrogate: M7PFUdA	*24.9*		"	*25.0*		*99.8*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30953 - EPA 1633 Prep											
Blank (BC30953-BLK1)								Prepared: 03/14/2023 Analyzed: 03/15/2023			
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*23.6*		*ng/L*	*25.0*		*94.4*	*25-150*				
Surrogate: M2PFTeDA	*18.5*		*"*	*25.0*		*74.0*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*216*		*"*	*200*		*108*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*55.0*		*"*	*47.9*		*115*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*110*		*"*	*100*		*110*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*57.7*		*"*	*50.0*		*116*	*10-150*				
Surrogate: d3-N-MeFOSAA	*82.7*		*"*	*100*		*82.7*	*25-150*				
Surrogate: d5-N-EtFOSAA	*76.9*		*"*	*100*		*77.0*	*25-150*				
Surrogate: M2-6:2 FTS	*82.3*		*"*	*95.1*		*86.6*	*25-200*				
Surrogate: M2-8:2 FTS	*74.8*		*"*	*96.0*		*77.9*	*25-200*				
Surrogate: M9PFNA	*27.2*		*"*	*25.0*		*109*	*25-150*				
Surrogate: M2-4:2 FTS	*91.1*		*"*	*93.8*		*97.1*	*25-150*				
Surrogate: d-N-MeFOSA	*43.7*		*"*	*50.0*		*87.4*	*25-150*				
Surrogate: d-N-EtFOSA	*39.9*		*"*	*50.0*		*79.8*	*25-150*				
Surrogate: M3HFPO-DA	*219*		*"*	*200*		*109*	*25-150*				
Surrogate: d9-N-EtFOSE	*440*		*"*	*500*		*87.9*	*25-150*				
Surrogate: d7-N-MeFOSE	*571*		*"*	*500*		*114*	*25-150*				
LCS (BC30953-BS1)								Prepared: 03/14/2023 Analyzed: 03/15/2023			
Perfluorobutanesulfonic acid (PFBS)	68.8	3.54	ng/L	70.8		97.2	50-150				
Perfluorohexanoic acid (PFHxA)	72.1	4.00	"	80.0		90.1	50-150				
Perfluoroheptanoic acid (PFHpA)	73.7	4.00	"	80.0		92.1	50-150				
Perfluorohexanesulfonic acid (PFHxS)	65.7	3.66	"	73.2		89.8	50-150				
Perfluorooctanoic acid (PFOA)	70.1	4.00	"	80.0		87.6	50-150				
Perfluorooctanesulfonic acid (PFOS)	67.6	3.72	"	74.4		90.9	50-150				
Perfluorononanoic acid (PFNA)	63.8	4.00	"	80.0		79.7	50-150				
Perfluorodecanoic acid (PFDA)	71.3	4.00	"	80.0		89.1	50-150				
Perfluoroundecanoic acid (PFUnA)	73.9	4.00	"	80.0		92.4	50-150				
Perfluorododecanoic acid (PFDoA)	82.4	4.00	"	80.0		103	50-150				
Perfluorotridecanoic acid (PFTrDA)	80.5	4.00	"	80.0		101	50-150				
Perfluorotetradecanoic acid (PFTA)	80.2	4.00	"	80.0		100	50-150				
N-MeFOSAA	72.6	4.00	"	80.0		90.7	50-150				
N-EtFOSAA	72.3	4.00	"	80.0		90.4	50-150				
Perfluoropentanoic acid (PFPeA)	143	8.00	"	160		89.1	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	71.6	4.00	"	80.0		89.5	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	67.7	3.82	"	76.4		88.6	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	63.3	3.86	"	77.2		82.0	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	287	15.2	"	304		94.4	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	285	15.4	"	307		92.9	50-150				
Perfluoro-n-butanoic acid (PFBA)	293	16.0	"	320		91.7	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	133	7.12	"	142		93.4	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	194	8.00	"	160		121	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	149	8.00	"	160		93.3	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	145	8.00	"	160		90.7	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	66.3	3.76	"	75.2		88.2	50-150				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30953 - EPA 1633 Prep											
LCS (BC30953-BS1)								Prepared: 03/14/2023 Analyzed: 03/15/2023			
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	287	15.0	ng/L	300		95.5	50-150				
HFPO-DA (Gen-X)	159	16.0	"	160		99.6	50-150				
11CL-PF3OUdS	124	15.1	"	151		82.3	50-150				
9CL-PF3ONS	157	15.0	"	150		105	50-150				
ADONA	156	15.1	"	151		103	50-150				
Perfluorododecanesulfonic acid (PFDoS)	45.4	3.88	"	77.6		58.5	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	73.9	3.84	"	76.8		96.3	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	342	10.0	"	320		107	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	2000	50.0	"	1600		125	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	1750	50.0	"	1600		110	50-150				
N-MeFOSE	768	40.0	"	800		96.0	50-150				
N-MeFOSA	73.7	4.00	"	80.0		92.2	50-150				
N-EtFOSE	685	40.0	"	800		85.7	50-150				
N-EtFOSA	75.1	4.00	"	80.0		93.9	50-150				
Surrogate: M3PFBS	*49.9*		"	*46.6*		*107*	*25-150*				
Surrogate: M5PFHxA	*56.7*		"	*50.0*		*113*	*25-150*				
Surrogate: M4PFHpA	*55.5*		"	*50.0*		*111*	*25-150*				
Surrogate: M3PFHxS	*55.6*		"	*47.4*		*117*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*54.4*		"	*50.0*		*109*	*25-150*				
Surrogate: M6PFDA	*26.5*		"	*25.0*		*106*	*25-150*				
Surrogate: M7PFUdA	*24.1*		"	*25.0*		*96.3*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*21.5*		"	*25.0*		*85.9*	*25-150*				
Surrogate: M2PFTeDA	*17.7*		"	*25.0*		*70.9*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*226*		"	*200*		*113*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*59.7*		"	*47.9*		*125*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*113*		"	*100*		*113*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*57.2*		"	*50.0*		*114*	*10-150*				
Surrogate: d3-N-MeFOSAA	*96.4*		"	*100*		*96.4*	*25-150*				
Surrogate: d5-N-EtFOSAA	*92.5*		"	*100*		*92.5*	*25-150*				
Surrogate: M2-6:2 FTS	*92.6*		"	*95.1*		*97.4*	*25-200*				
Surrogate: M2-8:2 FTS	*84.0*		"	*96.0*		*87.5*	*25-200*				
Surrogate: M9PFNA	*32.9*		"	*25.0*		*131*	*25-150*				
Surrogate: M2-4:2 FTS	*106*		"	*93.8*		*113*	*25-150*				
Surrogate: d-N-MeFOSA	*49.0*		"	*50.0*		*98.1*	*25-150*				
Surrogate: d-N-EtFOSA	*48.2*		"	*50.0*		*96.4*	*25-150*				
Surrogate: M3HFPO-DA	*230*		"	*200*		*115*	*25-150*				
Surrogate: d9-N-EtFOSE	*509*		"	*500*		*102*	*25-150*				
Surrogate: d7-N-MeFOSE	*624*		"	*500*		*125*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30953 - EPA 1633 Prep											
LCS (BC30953-BS2)								Prepared: 03/14/2023 Analyzed: 03/15/2023			
Perfluorobutanesulfonic acid (PFBS)	12.6	3.54	ng/L	14.2		88.7	50-150				
Perfluorohexanoic acid (PFHxA)	13.1	4.00	"	16.0		81.9	50-150				
Perfluoroheptanoic acid (PFHpA)	13.9	4.00	"	16.0		87.1	50-150				
Perfluorohexanesulfonic acid (PFHxS)	11.0	3.66	"	14.6		75.4	50-150				
Perfluorooctanoic acid (PFOA)	12.2	4.00	"	16.0		76.1	50-150				
Perfluorooctanesulfonic acid (PFOS)	12.5	3.72	"	14.9		84.0	50-150				
Perfluorononanoic acid (PFNA)	12.5	4.00	"	16.0		77.9	50-150				
Perfluorodecanoic acid (PFDA)	13.0	4.00	"	16.0		81.4	50-150				
Perfluoroundecanoic acid (PFUnA)	12.1	4.00	"	16.0		75.9	50-150				
Perfluorododecanoic acid (PFDoA)	12.8	4.00	"	16.0		79.8	50-150				
Perfluorotridecanoic acid (PFTrDA)	14.4	4.00	"	16.0		89.9	50-150				
Perfluorotetradecanoic acid (PFTA)	12.6	4.00	"	16.0		78.9	50-150				
N-MeFOSAA	14.3	4.00	"	16.0		89.4	50-150				
N-EtFOSAA	12.4	4.00	"	16.0		77.3	50-150				
Perfluoropentanoic acid (PFPeA)	26.2	8.00	"	32.0		81.8	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	12.8	4.00	"	16.0		80.2	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	12.5	3.82	"	15.3		82.1	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	12.3	3.86	"	15.4		80.0	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	52.2	15.2	"	60.8		85.9	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	58.4	15.4	"	61.4		95.0	50-150				
Perfluoro-n-butanoic acid (PFBA)	53.0	16.0	"	64.0		82.9	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	24.4	7.12	"	28.5		85.8	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	33.8	8.00	"	32.0		106	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	27.6	8.00	"	32.0		86.2	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	27.2	8.00	"	32.0		85.0	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	11.6	3.76	"	15.0		77.2	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	53.5	15.0	"	60.0		89.2	50-150				
HFPO-DA (Gen-X)	28.7	16.0	"	32.0		89.6	50-150				
11CL-PF3OUdS	22.2	15.1	"	30.2		73.6	50-150				
9CL-PF3ONS	27.7	15.0	"	29.9		92.6	50-150				
ADONA	28.0	15.1	"	30.2		92.6	50-150				
Perfluorododecanesulfonic acid (PFDoS)	8.02	3.88	"	15.5		51.7	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	14.7	3.84	"	15.4		95.5	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	66.1	10.0	"	64.0		103	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	373	50.0	"	320		117	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	326	50.0	"	320		102	50-150				
N-MeFOSE	143	40.0	"	160		89.3	50-150				
N-MeFOSA	15.8	4.00	"	16.0		98.5	50-150				
N-EtFOSE	127	40.0	"	160		79.3	50-150				
N-EtFOSA	16.2	4.00	"	16.0		101	50-150				
Surrogate: M3PFBS	*53.2*		*"*	*46.6*		*114*	*25-150*				
Surrogate: M5PFHxA	*57.9*		*"*	*50.0*		*116*	*25-150*				
Surrogate: M4PFHpA	*53.1*		*"*	*50.0*		*106*	*25-150*				
Surrogate: M3PFHxS	*62.4*		*"*	*47.4*		*132*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*58.6*		*"*	*50.0*		*117*	*25-150*				
Surrogate: M6PFDA	*28.8*		*"*	*25.0*		*115*	*25-150*				
Surrogate: M7PFUdA	*27.0*		*"*	*25.0*		*108*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30953 - EPA 1633 Prep											
LCS (BC30953-BS2)									Prepared: 03/14/2023 Analyzed: 03/15/2023		
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*23.9*		*ng/L*	*25.0*		*95.6*	*25-150*				
Surrogate: M2PFTeDA	*21.8*		*"*	*25.0*		*87.3*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*229*		*"*	*200*		*114*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*59.8*		*"*	*47.9*		*125*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*116*		*"*	*100*		*116*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*64.3*		*"*	*50.0*		*129*	*10-150*				
Surrogate: d3-N-MeFOSAA	*101*		*"*	*100*		*101*	*25-150*				
Surrogate: d5-N-EtFOSAA	*92.6*		*"*	*100*		*92.6*	*25-150*				
Surrogate: M2-6:2 FTS	*95.5*		*"*	*95.1*		*100*	*25-200*				
Surrogate: M2-8:2 FTS	*83.5*		*"*	*96.0*		*86.9*	*25-200*				
Surrogate: M9PFNA	*29.1*		*"*	*25.0*		*116*	*25-150*				
Surrogate: M2-4:2 FTS	*99.3*		*"*	*93.8*		*106*	*25-150*				
Surrogate: d-N-MeFOSA	*47.1*		*"*	*50.0*		*94.3*	*25-150*				
Surrogate: d-N-EtFOSA	*46.2*		*"*	*50.0*		*92.4*	*25-150*				
Surrogate: M3HFPO-DA	*240*		*"*	*200*		*120*	*25-150*				
Surrogate: d9-N-EtFOSE	*576*		*"*	*500*		*115*	*25-150*				
Surrogate: d7-N-MeFOSE	*698*		*"*	*500*		*140*	*25-150*				
Duplicate (BC30953-DUP1)	*Source sample: 23C0686-01 (Duplicate)								Prepared: 03/14/2023 Analyzed: 03/15/2023		
Perfluorobutanesulfonic acid (PFBS)	5.82	3.19	ng/L		7.76				28.6	30	
Perfluorohexanoic acid (PFHxA)	6.21	3.61	"		6.84				9.57	30	
Perfluoroheptanoic acid (PFHpA)	6.39	3.61	"		7.72				18.8	30	
Perfluorohexanesulfonic acid (PFHxS)	4.13	3.30	"		4.62				11.4	30	
Perfluorooctanoic acid (PFOA)	6.31	3.61	"		7.01				10.6	30	
Perfluorooctanesulfonic acid (PFOS)	19.8	3.35	"		24.1				19.6	30	
Perfluorononanoic acid (PFNA)	1.22	3.61	"		1.23				0.886	30	
Perfluorodecanoic acid (PFDA)	ND	3.61	"		ND					30	
Perfluoroundecanoic acid (PFUnA)	ND	3.61	"		ND					30	
Perfluorododecanoic acid (PFDoA)	ND	3.61	"		ND					30	
Perfluorotridecanoic acid (PFTrDA)	ND	3.61	"		ND					30	
Perfluorotetradecanoic acid (PFTA)	ND	3.61	"		ND					30	
N-MeFOSAA	ND	3.61	"		ND					30	
N-EtFOSAA	ND	3.61	"		ND					30	
Perfluoropentanoic acid (PFPeA)	13.4	7.21	"		12.4				7.49	30	
Perfluoro-1-octanesulfonamide (FOSA)	ND	3.61	"		ND					30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	3.44	"		ND					30	
Perfluoro-1-decanesulfonic acid (PFDS)	ND	3.48	"		ND					30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	13.7	"		ND					30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	13.8	"		ND					30	
Perfluoro-n-butanoic acid (PFBA)	6.47	14.4	"		7.20				10.7	30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	6.42	"		ND					30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	7.21	"		ND					30	
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	7.21	"		ND					30	
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	7.21	"		ND					30	
Perfluoro-1-pentanesulfonate (PFPeS)	ND	3.39	"		ND					30	

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30953 - EPA 1633 Prep											
Duplicate (BC30953-DUP1)	*Source sample: 23C0686-01 (Duplicate)								Prepared: 03/14/2023 Analyzed: 03/15/2023		
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	13.5	ng/L		ND					30	
HFPO-DA (Gen-X)	ND	14.4	"		ND					30	
11CL-PF3OUdS	ND	13.6	"		ND					30	
9CL-PF3ONS	ND	13.5	"		ND					30	
ADONA	ND	13.6	"		ND					30	
Perfluorododecanesulfonic acid (PFDoS)	ND	3.50	"		ND					30	
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	3.46	"		ND					30	
3-Perfluoropropyl propanoic acid (FPrPA)	ND	9.02	"		ND					30	
3-Perfluoropentyl propanoic acid (FPePA)	ND	45.1	"		ND					30	
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	45.1	"		ND					30	
N-MeFOSE	ND	36.1	"		ND					30	
N-MeFOSA	ND	3.61	"		ND					30	
N-EtFOSE	ND	36.1	"		ND					30	
N-EtFOSA	ND	3.61	"		ND					30	
Surrogate: M3PFBS	*45.4*		"	*42.0*		*108*	*25-150*				
Surrogate: M5PFHxA	*53.2*		"	*45.1*		*118*	*25-150*				
Surrogate: M4PFHpA	*40.7*		"	*45.1*		*90.3*	*25-150*				
Surrogate: M3PFHxS	*48.3*		"	*42.7*		*113*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*49.2*		"	*45.1*		*109*	*25-150*				
Surrogate: M6PFDA	*28.4*		"	*22.5*		*126*	*25-150*				
Surrogate: M7PFUdA	*24.7*		"	*22.5*		*110*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*23.9*		"	*22.5*		*106*	*25-150*				
Surrogate: M2PFTeDA	*20.2*		"	*22.5*		*89.7*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*204*		"	*180*		*113*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*60.0*		"	*43.2*		*139*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*139*		"	*90.2*		*154*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*65.5*		"	*45.1*		*145*	*10-150*				
Surrogate: d3-N-MeFOSAA	*135*		"	*90.2*		*150*	*25-150*				
Surrogate: d5-N-EtFOSAA	*141*		"	*90.2*		*156*	*25-150*				
Surrogate: M2-6:2 FTS	*375*		"	*85.7*		*438*	*25-200*				
Surrogate: M2-8:2 FTS	*247*		"	*86.5*		*286*	*25-200*				
Surrogate: M9PFNA	*27.5*		"	*22.5*		*122*	*25-150*				
Surrogate: M2-4:2 FTS	*348*		"	*84.6*		*412*	*25-150*				
Surrogate: d-N-MeFOSA	*43.4*		"	*45.1*		*96.4*	*25-150*				
Surrogate: d-N-EtFOSA	*45.0*		"	*45.1*		*99.7*	*25-150*				
Surrogate: M3HFPO-DA	*204*		"	*180*		*113*	*25-150*				
Surrogate: d9-N-EtFOSE	*659*		"	*451*		*146*	*25-150*				
Surrogate: d7-N-MeFOSE	*704*		"	*451*		*156*	*25-150*				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30698 - % Solids Prep											
Duplicate (BC30698-DUP1)	*Source sample: 23C0373-01 (Duplicate)								Prepared & Analyzed: 03/10/2023		
% Solids	87.6	0.100	%		76.6				13.4	20	

Sample and Data Qualifiers Relating to This Work Order

J — Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.

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 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. 23C0368

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 Sta, NY 11746	Address: Scott	Address: Kathy
Phone.: (631) 673-0612	Phone.:	Phone.:
Contact:	Contact:	Contact:
E-mail:	E-mail:	E-mail:

YOUR Project Number: 19-401.3

YOUR Project Name: 27-09 40th Ave, LIC, NY

YOUR PO#:

Turn-Around Time

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

PFAS Standard is 7-10 Days

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

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil / solid; 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.
Equip Blank	W	3/6/23 1000	1633 PFAS ~~+ 1,4-D~~ SB	250mL	3
Q2-EP 3	S	0910	1633 PFAS + 1,4-Dioxane	250mL	1
Q2-EP 4		0920			
Q3-EP 2		0810			
Q3-EP 3		0815			
Q5-EP 2		1035			

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
	3/7/23 0900	Yorklab	3/7/23 1245	Yorklab	3/7/23 1745
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
3. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
					3/7/23 1745 / 5.9 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: 03/22/2023
Client Project ID: 27-09 40th Ave LIC, NY 19-401.3
York Project (SDG) No.: 23C0992

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

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: 03/22/2023
Client Project ID: 27-09 40th Ave LIC, NY 19-401.3
York Project (SDG) No.: 23C0992

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 March 17, 2023 and listed below. The project was identified as your project: **27-09 40th Ave LIC, NY 19-401.3**.

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
23C0992-01	Q5-EP1 HS Exc Bottom	Soil	03/16/2023	03/17/2023
23C0992-02	Q5-EP1 HS Exc East Sidewall	Soil	03/16/2023	03/17/2023
23C0992-03	Q5-EP1 HS Exc West Sidewall	Soil	03/16/2023	03/17/2023
23C0992-04	Q5-EP1 HS Exc North Sidewall	Soil	03/16/2023	03/17/2023
23C0992-05	Q5-EP1 HS Exc South Sidewall	Soil	03/16/2023	03/17/2023

General Notes for York Project (SDG) No.: 23C0992

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

Approved By:  **Date:** 03/22/2023

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: **Q5-EP1 HS Exc Bottom** **York Sample ID:** **23C0992-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0992	27-09 40th Ave LIC, NY 19-401.3	Soil	March 16, 2023 1:05 pm	03/17/2023

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
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/20/2023 09:00	03/20/2023 12:11	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/20/2023 09:00	03/20/2023 12:11	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/20/2023 09:00	03/20/2023 12:11	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/20/2023 09:00	03/20/2023 12:11	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/20/2023 09:00	03/20/2023 12:11	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/20/2023 09:00	03/20/2023 12:11	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/20/2023 09:00	03/20/2023 12:11	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/20/2023 09:00	03/20/2023 12:11	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/20/2023 09:00	03/20/2023 12:11	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.066	0.13	1	EPA 8260C Certifications:	03/20/2023 09:00	03/20/2023 12:11	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/20/2023 09:00	03/20/2023 12:11	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	Acetone	ND		mg/kg dry	0.0066	0.013	1	EPA 8260C Certifications:	03/20/2023 09:00	03/20/2023 12:11	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/20/2023 09:00	03/20/2023 12:11	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/20/2023 09:00	03/20/2023 12:11	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/20/2023 09:00	03/20/2023 12:11	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/20/2023 09:00	03/20/2023 12:11	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/20/2023 09:00	03/20/2023 12:11	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/20/2023 09:00	03/20/2023 12:11	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/20/2023 09:00	03/20/2023 12:11	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-09-2	Methylene chloride	ND		mg/kg dry	0.0066	0.013	1	EPA 8260C Certifications:	03/20/2023 09:00	03/20/2023 12:11	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
91-20-3	Naphthalene	ND		mg/kg dry	0.0033	0.013	1	EPA 8260C Certifications:	03/20/2023 09:00	03/20/2023 12:11	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/20/2023 09:00	03/20/2023 12:11	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications:	03/20/2023 09:00	03/20/2023 12:11	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: Q5-EP1 HS Exc Bottom **York Sample ID:** 23C0992-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0992	27-09 40th Ave LIC, NY 19-401.3	Soil	March 16, 2023 1:05 pm	03/17/2023

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
95-47-6	o-Xylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	03/20/2023 09:00	03/20/2023 12:11	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0066	0.013	1	EPA 8260C	03/20/2023 09:00	03/20/2023 12:11	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	03/20/2023 09:00	03/20/2023 12:11	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	03/20/2023 09:00	03/20/2023 12:11	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
127-18-4	**Tetrachloroethylene**	**0.020**		mg/kg dry	0.0033	0.0066	1	EPA 8260C	03/20/2023 09:00	03/20/2023 12:11	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
108-88-3	Toluene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	03/20/2023 09:00	03/20/2023 12:11	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	03/20/2023 09:00	03/20/2023 12:11	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	03/20/2023 09:00	03/20/2023 12:11	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	03/20/2023 09:00	03/20/2023 12:11	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0099	0.020	1	EPA 8260C	03/20/2023 09:00	03/20/2023 12:11	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*97.9 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*92.1 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*97.8 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.6**		%	0.100	1	SM 2540G	03/22/2023 09:06	03/22/2023 15:47	sgs
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: Q5-EP1 HS Exc East Sidewall **York Sample ID:** 23C0992-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0992	27-09 40th Ave LIC, NY 19-401.3	Soil	March 16, 2023 1:10 pm	03/17/2023

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: **Q5-EP1 HS Exc East Sidewall** **York Sample ID:** **23C0992-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0992	27-09 40th Ave LIC, NY 19-401.3	Soil	March 16, 2023 1:10 pm	03/17/2023

Sample Prepared by 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	0.0055	1	EPA 8260C	03/20/2023 09:00	03/20/2023 12:39	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/20/2023 09:00	03/20/2023 12:39	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/20/2023 09:00	03/20/2023 12:39	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/20/2023 09:00	03/20/2023 12:39	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/20/2023 09:00	03/20/2023 12:39	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/20/2023 09:00	03/20/2023 12:39	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/20/2023 09:00	03/20/2023 12:39	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/20/2023 09:00	03/20/2023 12:39	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/20/2023 09:00	03/20/2023 12:39	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.055	0.11	1	EPA 8260C	03/20/2023 09:00	03/20/2023 12:39	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/20/2023 09:00	03/20/2023 12:39	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-64-1	Acetone	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	03/20/2023 09:00	03/20/2023 12:39	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/20/2023 09:00	03/20/2023 12:39	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/20/2023 09:00	03/20/2023 12:39	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/20/2023 09:00	03/20/2023 12:39	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/20/2023 09:00	03/20/2023 12:39	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/20/2023 09:00	03/20/2023 12:39	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/20/2023 09:00	03/20/2023 12:39	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/20/2023 09:00	03/20/2023 12:39	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	03/20/2023 09:00	03/20/2023 12:39	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
91-20-3	Naphthalene	ND		mg/kg dry	0.0027	0.011	1	EPA 8260C	03/20/2023 09:00	03/20/2023 12:39	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/20/2023 09:00	03/20/2023 12:39	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/20/2023 09:00	03/20/2023 12:39	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/20/2023 09:00	03/20/2023 12:39	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		

Sample Information

Client Sample ID: Q5-EP1 HS Exc East Sidewall **York Sample ID:** 23C0992-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0992	27-09 40th Ave LIC, NY 19-401.3	Soil	March 16, 2023 1:10 pm	03/17/2023

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
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	03/20/2023 09:00	03/20/2023 12:39	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/20/2023 09:00	03/20/2023 12:39	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/20/2023 09:00	03/20/2023 12:39	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
127-18-4	**Tetrachloroethylene**	**0.058**		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/20/2023 09:00	03/20/2023 12:39	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
108-88-3	**Toluene**	**0.0034**	J	mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/20/2023 09:00	03/20/2023 12:39	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/20/2023 09:00	03/20/2023 12:39	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/20/2023 09:00	03/20/2023 12:39	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/20/2023 09:00	03/20/2023 12:39	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0082	0.016	1	EPA 8260C	03/20/2023 09:00	03/20/2023 12:39	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*97.6 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*92.3 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.5 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**87.3**		%	0.100	1	SM 2540G	03/22/2023 09:06	03/22/2023 15:47	sgs
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: Q5-EP1 HS Exc West Sidewall **York Sample ID:** 23C0992-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0992	27-09 40th Ave LIC, NY 19-401.3	Soil	March 16, 2023 1:17 pm	03/17/2023

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: **Q5-EP1 HS Exc West Sidewall** **York Sample ID:** **23C0992-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0992	27-09 40th Ave LIC, NY 19-401.3	Soil	March 16, 2023 1:17 pm	03/17/2023

Sample Prepared by 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	0.0026	0.0052	1	EPA 8260C Certifications:	03/20/2023 09:00	03/20/2023 13:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/20/2023 09:00	03/20/2023 13:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/20/2023 09:00	03/20/2023 13:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/20/2023 09:00	03/20/2023 13:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/20/2023 09:00	03/20/2023 13:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/20/2023 09:00	03/20/2023 13:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/20/2023 09:00	03/20/2023 13:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/20/2023 09:00	03/20/2023 13:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/20/2023 09:00	03/20/2023 13:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.052	0.10	1	EPA 8260C Certifications:	03/20/2023 09:00	03/20/2023 13:07 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/20/2023 09:00	03/20/2023 13:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
67-64-1	Acetone	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C Certifications:	03/20/2023 09:00	03/20/2023 13:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/20/2023 09:00	03/20/2023 13:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/20/2023 09:00	03/20/2023 13:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/20/2023 09:00	03/20/2023 13:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/20/2023 09:00	03/20/2023 13:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/20/2023 09:00	03/20/2023 13:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/20/2023 09:00	03/20/2023 13:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/20/2023 09:00	03/20/2023 13:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-09-2	Methylene chloride	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C Certifications:	03/20/2023 09:00	03/20/2023 13:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
91-20-3	Naphthalene	ND		mg/kg dry	0.0026	0.010	1	EPA 8260C Certifications:	03/20/2023 09:00	03/20/2023 13:07 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/20/2023 09:00	03/20/2023 13:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/20/2023 09:00	03/20/2023 13:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/20/2023 09:00	03/20/2023 13:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	FTR

Sample Information

Client Sample ID: **Q5-EP1 HS Exc West Sidewall** **York Sample ID:** **23C0992-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0992	27-09 40th Ave LIC, NY 19-401.3	Soil	March 16, 2023 1:17 pm	03/17/2023

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
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	03/20/2023 09:00	03/20/2023 13:07	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	03/20/2023 09:00	03/20/2023 13:07	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	03/20/2023 09:00	03/20/2023 13:07	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
127-18-4	**Tetrachloroethylene**	**0.0067**		mg/kg dry	0.0026	0.0052	1	EPA 8260C	03/20/2023 09:00	03/20/2023 13:07	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	03/20/2023 09:00	03/20/2023 13:07	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	03/20/2023 09:00	03/20/2023 13:07	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	03/20/2023 09:00	03/20/2023 13:07	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	03/20/2023 09:00	03/20/2023 13:07	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0078	0.016	1	EPA 8260C	03/20/2023 09:00	03/20/2023 13:07	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*96.2 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*93.1 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*97.7 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**85.4**		%	0.100	1	SM 2540G	03/22/2023 09:06	03/22/2023 15:47	sgs
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **Q5-EP1 HS Exc North Sidewall** **York Sample ID:** **23C0992-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0992	27-09 40th Ave LIC, NY 19-401.3	Soil	March 16, 2023 1:25 pm	03/17/2023

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: **Q5-EP1 HS Exc North Sidewall** **York Sample ID:** **23C0992-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0992	27-09 40th Ave LIC, NY 19-401.3	Soil	March 16, 2023 1:25 pm	03/17/2023

Sample Prepared by 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	0.0028	0.0056	1	EPA 8260C	03/20/2023 09:00	03/20/2023 13:39	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/20/2023 09:00	03/20/2023 13:39	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/20/2023 09:00	03/20/2023 13:39	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/20/2023 09:00	03/20/2023 13:39	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/20/2023 09:00	03/20/2023 13:39	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/20/2023 09:00	03/20/2023 13:39	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/20/2023 09:00	03/20/2023 13:39	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/20/2023 09:00	03/20/2023 13:39	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/20/2023 09:00	03/20/2023 13:39	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.056	0.11	1	EPA 8260C	03/20/2023 09:00	03/20/2023 13:39	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/20/2023 09:00	03/20/2023 13:39	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-64-1	Acetone	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C	03/20/2023 09:00	03/20/2023 13:39	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-43-2	Benzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/20/2023 09:00	03/20/2023 13:39	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/20/2023 09:00	03/20/2023 13:39	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/20/2023 09:00	03/20/2023 13:39	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-66-3	Chloroform	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/20/2023 09:00	03/20/2023 13:39	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/20/2023 09:00	03/20/2023 13:39	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/20/2023 09:00	03/20/2023 13:39	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/20/2023 09:00	03/20/2023 13:39	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C	03/20/2023 09:00	03/20/2023 13:39	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
91-20-3	Naphthalene	ND		mg/kg dry	0.0028	0.011	1	EPA 8260C	03/20/2023 09:00	03/20/2023 13:39	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/20/2023 09:00	03/20/2023 13:39	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/20/2023 09:00	03/20/2023 13:39	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-47-6	o-Xylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/20/2023 09:00	03/20/2023 13:39	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		

Sample Information

Client Sample ID: Q5-EP1 HS Exc North Sidewall **York Sample ID:** 23C0992-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0992	27-09 40th Ave LIC, NY 19-401.3	Soil	March 16, 2023 1:25 pm	03/17/2023

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
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C	03/20/2023 09:00	03/20/2023 13:39	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/20/2023 09:00	03/20/2023 13:39	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/20/2023 09:00	03/20/2023 13:39	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
127-18-4	**Tetrachloroethylene**	**0.0032**	J	mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/20/2023 09:00	03/20/2023 13:39	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
108-88-3	Toluene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/20/2023 09:00	03/20/2023 13:39	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/20/2023 09:00	03/20/2023 13:39	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/20/2023 09:00	03/20/2023 13:39	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/20/2023 09:00	03/20/2023 13:39	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0085	0.017	1	EPA 8260C	03/20/2023 09:00	03/20/2023 13:39	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*97.3 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*93.5 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.1 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**81.8**		%	0.100	1	SM 2540G	03/22/2023 09:06	03/22/2023 15:47	sgs
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: Q5-EP1 HS Exc South Sidewall **York Sample ID:** 23C0992-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0992	27-09 40th Ave LIC, NY 19-401.3	Soil	March 16, 2023 1:30 pm	03/17/2023

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: Q5-EP1 HS Exc South Sidewall **York Sample ID:** 23C0992-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0992	27-09 40th Ave LIC, NY 19-401.3	Soil	March 16, 2023 1:30 pm	03/17/2023

Sample Prepared by 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	0.0026	0.0052	1	EPA 8260C Certifications:	03/20/2023 09:00	03/20/2023 14:06	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/20/2023 09:00	03/20/2023 14:06	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/20/2023 09:00	03/20/2023 14:06	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/20/2023 09:00	03/20/2023 14:06	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/20/2023 09:00	03/20/2023 14:06	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/20/2023 09:00	03/20/2023 14:06	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/20/2023 09:00	03/20/2023 14:06	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/20/2023 09:00	03/20/2023 14:06	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/20/2023 09:00	03/20/2023 14:06	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.052	0.10	1	EPA 8260C Certifications:	03/20/2023 09:00	03/20/2023 14:06	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/20/2023 09:00	03/20/2023 14:06	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	Acetone	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C Certifications:	03/20/2023 09:00	03/20/2023 14:06	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/20/2023 09:00	03/20/2023 14:06	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/20/2023 09:00	03/20/2023 14:06	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/20/2023 09:00	03/20/2023 14:06	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/20/2023 09:00	03/20/2023 14:06	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/20/2023 09:00	03/20/2023 14:06	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/20/2023 09:00	03/20/2023 14:06	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/20/2023 09:00	03/20/2023 14:06	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-09-2	Methylene chloride	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C Certifications:	03/20/2023 09:00	03/20/2023 14:06	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
91-20-3	Naphthalene	ND		mg/kg dry	0.0026	0.010	1	EPA 8260C Certifications:	03/20/2023 09:00	03/20/2023 14:06	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/20/2023 09:00	03/20/2023 14:06	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/20/2023 09:00	03/20/2023 14:06	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/20/2023 09:00	03/20/2023 14:06	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP

Sample Information

Client Sample ID: Q5-EP1 HS Exc South Sidewall **York Sample ID:** 23C0992-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23C0992	27-09 40th Ave LIC, NY 19-401.3	Soil	March 16, 2023 1:30 pm	03/17/2023

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
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	03/20/2023 09:00	03/20/2023 14:06	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	03/20/2023 09:00	03/20/2023 14:06	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	03/20/2023 09:00	03/20/2023 14:06	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
127-18-4	**Tetrachloroethylene**	**0.0038**	J	mg/kg dry	0.0026	0.0052	1	EPA 8260C	03/20/2023 09:00	03/20/2023 14:06	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	03/20/2023 09:00	03/20/2023 14:06	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	03/20/2023 09:00	03/20/2023 14:06	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	03/20/2023 09:00	03/20/2023 14:06	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	03/20/2023 09:00	03/20/2023 14:06	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0078	0.016	1	EPA 8260C	03/20/2023 09:00	03/20/2023 14:06	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*97.0 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*92.3 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*97.9 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**96.1**		%	0.100	1	SM 2540G	03/22/2023 09:06	03/22/2023 15:47	sgs
							Certifications:	CTDOH-PH-0723		

Analytical Batch Summary

Batch ID: BC31272 **Preparation Method:** EPA 5035A **Prepared By:** BMT

YORK Sample ID	Client Sample ID	Preparation Date
23C0992-01	Q5-EP1 HS Exc Bottom	03/20/23
23C0992-02	Q5-EP1 HS Exc East Sidewall	03/20/23
23C0992-03	Q5-EP1 HS Exc West Sidewall	03/20/23
23C0992-04	Q5-EP1 HS Exc North Sidewal	03/20/23
23C0992-05	Q5-EP1 HS Exc South Sidewal	03/20/23
BC31272-BLK1	Blank	03/20/23
BC31272-BLK2	Blank	03/20/23
BC31272-BS1	LCS	03/20/23
BC31272-BSD1	LCS Dup	03/20/23
BC31272-MS1	Matrix Spike	03/20/23
BC31272-MSD1	Matrix Spike Dup	03/20/23

Batch ID: BC31461 **Preparation Method:** % Solids Prep **Prepared By:** sgs

YORK Sample ID	Client Sample ID	Preparation Date
23C0992-01	Q5-EP1 HS Exc Bottom	03/22/23
23C0992-02	Q5-EP1 HS Exc East Sidewall	03/22/23
23C0992-03	Q5-EP1 HS Exc West Sidewall	03/22/23
23C0992-04	Q5-EP1 HS Exc North Sidewal	03/22/23
23C0992-05	Q5-EP1 HS Exc South Sidewal	03/22/23
BC31461-DUP1	Duplicate	03/22/23

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 BC31272 - EPA 5035A											
Blank (BC31272-BLK1)									Prepared & Analyzed: 03/20/2023		
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	*46.0*		*ug/L*	*50.0*		*92.0*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.0*		*"*	*50.0*		*94.1*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.5*		*"*	*50.0*		*98.9*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC31272 - EPA 5035A											
Blank (BC31272-BLK2)											
1,1,1-Trichloroethane	ND	0.50	mg/kg wet								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	10	"								
2-Butanone	ND	0.50	"								
Acetone	ND	1.0	"								
Benzene	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroform	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	ND	1.0	"								
Naphthalene	ND	1.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
sec-Butylbenzene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*47.0*		*ug/L*	*50.0*		*93.9*	*77-125*				
Surrogate: SURR: Toluene-d8	*46.8*		*"*	*50.0*		*93.7*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.3*		*"*	*50.0*		*98.6*	*76-130*				

Prepared & Analyzed: 03/20/2023

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 BC31272 - EPA 5035A											
LCS (BC31272-BS1)								Prepared & Analyzed: 03/20/2023			
1,1,1-Trichloroethane	44.1		ug/L	50.0		88.2	71-137				
1,1-Dichloroethane	45.0		"	50.0		90.0	75-130				
1,1-Dichloroethylene	39.4		"	50.0		78.8	64-137				
1,2,4-Trimethylbenzene	43.1		"	50.0		86.1	84-125				
1,2-Dichlorobenzene	44.1		"	50.0		88.3	85-122				
1,2-Dichloroethane	48.6		"	50.0		97.1	71-133				
1,3,5-Trimethylbenzene	41.4		"	50.0		82.8	82-126				
1,3-Dichlorobenzene	44.6		"	50.0		89.3	84-124				
1,4-Dichlorobenzene	44.5		"	50.0		89.0	84-124				
1,4-Dioxane	975		"	1050		92.9	10-228				
2-Butanone	50.4		"	50.0		101	58-147				
Acetone	29.3		"	50.0		58.6	36-155				
Benzene	49.1		"	50.0		98.2	77-127				
Carbon tetrachloride	41.9		"	50.0		83.8	66-143				
Chlorobenzene	47.3		"	50.0		94.5	86-120				
Chloroform	46.8		"	50.0		93.5	76-131				
cis-1,2-Dichloroethylene	46.0		"	50.0		92.0	74-132				
Ethyl Benzene	43.4		"	50.0		86.9	84-125				
Methyl tert-butyl ether (MTBE)	48.3		"	50.0		96.6	74-131				
Methylene chloride	32.7		"	50.0		65.4	57-141				
Naphthalene	47.7		"	50.0		95.4	86-141				
n-Butylbenzene	40.7		"	50.0		81.3	80-130				
n-Propylbenzene	41.7		"	50.0		83.3	74-136				
o-Xylene	44.4		"	50.0		88.9	83-123				
p- & m- Xylenes	85.6		"	100		85.6	82-128				
sec-Butylbenzene	42.5		"	50.0		85.0	83-125				
tert-Butylbenzene	38.9		"	50.0		77.8	80-127	Low Bias			
Tetrachloroethylene	36.6		"	50.0		73.1	80-129	Low Bias			
Toluene	43.6		"	50.0		87.2	85-121				
trans-1,2-Dichloroethylene	45.4		"	50.0		90.7	72-132				
Trichloroethylene	42.5		"	50.0		85.0	84-123				
Vinyl Chloride	33.9		"	50.0		67.8	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*46.8*		*"*	*50.0*		*93.5*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.0*		*"*	*50.0*		*94.1*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*47.9*		*"*	*50.0*		*95.8*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC31272 - EPA 5035A											
LCS Dup (BC31272-BSD1)								Prepared & Analyzed: 03/20/2023			
1,1,1-Trichloroethane	43.7		ug/L	50.0		87.4	71-137		0.865	30	
1,1-Dichloroethane	45.1		"	50.0		90.2	75-130		0.155	30	
1,1-Dichloroethylene	39.1		"	50.0		78.3	64-137		0.662	30	
1,2,4-Trimethylbenzene	42.0		"	50.0		83.9	84-125	Low Bias	2.63	30	
1,2-Dichlorobenzene	43.3		"	50.0		86.5	85-122		2.01	30	
1,2-Dichloroethane	46.4		"	50.0		92.7	71-133		4.59	30	
1,3,5-Trimethylbenzene	40.8		"	50.0		81.6	82-126	Low Bias	1.46	30	
1,3-Dichlorobenzene	43.6		"	50.0		87.2	84-124		2.29	30	
1,4-Dichlorobenzene	43.0		"	50.0		86.1	84-124		3.40	30	
1,4-Dioxane	945		"	1050		90.0	10-228		3.11	30	
2-Butanone	49.1		"	50.0		98.3	58-147		2.45	30	
Acetone	27.7		"	50.0		55.4	36-155		5.61	30	
Benzene	49.0		"	50.0		98.0	77-127		0.265	30	
Carbon tetrachloride	41.9		"	50.0		83.8	66-143		0.0477	30	
Chlorobenzene	46.2		"	50.0		92.4	86-120		2.31	30	
Chloroform	46.6		"	50.0		93.2	76-131		0.278	30	
cis-1,2-Dichloroethylene	46.4		"	50.0		92.7	74-132		0.780	30	
Ethyl Benzene	42.0		"	50.0		83.9	84-125	Low Bias	3.47	30	
Methyl tert-butyl ether (MTBE)	48.4		"	50.0		96.7	74-131		0.145	30	
Methylene chloride	32.6		"	50.0		65.2	57-141		0.306	30	
Naphthalene	46.3		"	50.0		92.5	86-141		3.02	30	
n-Butylbenzene	39.9		"	50.0		79.9	80-130	Low Bias	1.79	30	
n-Propylbenzene	41.2		"	50.0		82.4	74-136		1.18	30	
o-Xylene	42.8		"	50.0		85.7	83-123		3.64	30	
p- & m- Xylenes	83.7		"	100		83.7	82-128		2.16	30	
sec-Butylbenzene	41.7		"	50.0		83.4	83-125		2.00	30	
tert-Butylbenzene	37.9		"	50.0		75.7	80-127	Low Bias	2.68	30	
Tetrachloroethylene	35.3		"	50.0		70.5	80-129	Low Bias	3.62	30	
Toluene	42.6		"	50.0		85.1	85-121		2.41	30	
trans-1,2-Dichloroethylene	45.2		"	50.0		90.3	72-132		0.464	30	
Trichloroethylene	41.6		"	50.0		83.1	84-123	Low Bias	2.24	30	
Vinyl Chloride	33.7		"	50.0		67.4	52-130		0.503	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*47.3*		*"*	*50.0*		*94.6*	*77-125*				
Surrogate: SURR: Toluene-d8	*46.6*		*"*	*50.0*		*93.3*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*47.5*		*"*	*50.0*		*95.0*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC31272 - EPA 5035A											
Matrix Spike (BC31272-MS1)	*Source sample: 23C0920-01 (Matrix Spike)							Prepared & Analyzed: 03/20/2023			
1,1,1-Trichloroethane	33.4		ug/L	50.0	0.00	66.9	42-145				
1,1-Dichloroethane	35.9		"	50.0	0.00	71.8	46-142				
1,1-Dichloroethylene	31.7		"	50.0	0.00	63.3	30-153				
1,2,4-Trimethylbenzene	21.3		"	50.0	0.00	42.6	10-170				
1,2-Dichlorobenzene	17.0		"	50.0	0.00	34.0	10-147				
1,2-Dichloroethane	32.5		"	50.0	0.00	65.0	48-133				
1,3,5-Trimethylbenzene	23.0		"	50.0	0.00	46.0	10-150				
1,3-Dichlorobenzene	16.2		"	50.0	0.00	32.3	10-144				
1,4-Dichlorobenzene	14.9		"	50.0	0.00	29.7	10-160				
1,4-Dioxane	840		"	1050	0.00	80.0	10-191				
2-Butanone	16.5		"	50.0	0.00	33.0	10-189				
Acetone	26.4		"	50.0	5.85	41.0	10-196				
Benzene	34.4		"	50.0	0.00	68.8	43-139				
Carbon tetrachloride	30.9		"	50.0	0.00	61.9	35-145				
Chlorobenzene	23.4		"	50.0	0.00	46.8	21-154				
Chloroform	35.5		"	50.0	0.00	70.9	47-142				
cis-1,2-Dichloroethylene	32.2		"	50.0	0.00	64.4	42-144				
Ethyl Benzene	23.8		"	50.0	0.00	47.6	11-158				
Methyl tert-butyl ether (MTBE)	39.1		"	50.0	0.00	78.2	42-152				
Methylene chloride	28.2		"	50.0	2.67	51.1	28-151				
Naphthalene	5.93		"	50.0	0.00	11.9	10-158				
n-Butylbenzene	14.0		"	50.0	0.00	28.1	10-162				
n-Propylbenzene	23.7		"	50.0	0.00	47.5	10-155				
o-Xylene	24.1		"	50.0	0.00	48.3	10-158				
p- & m- Xylenes	43.8		"	100	0.00	43.8	10-156				
sec-Butylbenzene	21.6		"	50.0	0.00	43.2	10-157				
tert-Butylbenzene	26.0		"	50.0	0.00	52.0	10-160				
Tetrachloroethylene	21.7		"	50.0	0.00	43.4	30-167				
Toluene	27.4		"	50.0	0.00	54.7	21-160				
trans-1,2-Dichloroethylene	30.8		"	50.0	0.00	61.7	29-153				
Trichloroethylene	28.0		"	50.0	0.00	56.0	24-169				
Vinyl Chloride	34.6		"	50.0	0.00	69.3	12-160				
Surrogate: SURR: 1,2-Dichloroethane-d4	*47.3*		*"*	*50.0*		*94.5*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.9*		*"*	*50.0*		*97.9*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*57.2*		*"*	*50.0*		*114*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC31272 - EPA 5035A											
Matrix Spike Dup (BC31272-MSD1)	*Source sample: 23C0920-01 (Matrix Spike Dup)								Prepared & Analyzed: 03/20/2023		
1,1,1-Trichloroethane	37.4		ug/L	50.0	0.00	74.7	42-145		11.1	30	
1,1-Dichloroethane	39.1		"	50.0	0.00	78.1	46-142		8.51	36	
1,1-Dichloroethylene	35.4		"	50.0	0.00	70.7	30-153		11.0	31	
1,2,4-Trimethylbenzene	25.1		"	50.0	0.00	50.1	10-170		16.2	242	
1,2-Dichlorobenzene	21.1		"	50.0	0.00	42.3	10-147		21.8	52	
1,2-Dichloroethane	37.2		"	50.0	0.00	74.5	48-133		13.6	32	
1,3,5-Trimethylbenzene	26.0		"	50.0	0.00	52.0	10-150		12.1	62	
1,3-Dichlorobenzene	20.0		"	50.0	0.00	39.9	10-144		21.0	51	
1,4-Dichlorobenzene	18.7		"	50.0	0.00	37.4	10-160		22.8	52	
1,4-Dioxane	927		"	1050	0.00	88.3	10-191		9.88	196	
2-Butanone	34.5		"	50.0	0.00	69.0	10-189		70.5	67	Non-dir.
Acetone	27.0		"	50.0	5.85	42.3	10-196		2.40	150	
Benzene	38.9		"	50.0	0.00	77.9	43-139		12.4	64	
Carbon tetrachloride	34.3		"	50.0	0.00	68.6	35-145		10.3	31	
Chlorobenzene	29.0		"	50.0	0.00	58.0	21-154		21.5	32	
Chloroform	39.2		"	50.0	0.00	78.3	47-142		9.92	29	
cis-1,2-Dichloroethylene	36.8		"	50.0	0.00	73.6	42-144		13.4	30	
Ethyl Benzene	28.8		"	50.0	0.00	57.6	11-158		19.0	42	
Methyl tert-butyl ether (MTBE)	42.0		"	50.0	0.00	83.9	42-152		7.11	47	
Methylene chloride	30.4		"	50.0	2.67	55.4	28-151		7.34	49	
Naphthalene	9.08		"	50.0	0.00	18.2	10-158		42.0	95	
n-Butylbenzene	16.0		"	50.0	0.00	32.1	10-162		13.4	96	
n-Propylbenzene	26.6		"	50.0	0.00	53.2	10-155		11.5	56	
o-Xylene	29.3		"	50.0	0.00	58.5	10-158		19.2	51	
p- & m- Xylenes	53.8		"	100	0.00	53.8	10-156		20.6	47	
sec-Butylbenzene	24.0		"	50.0	0.00	48.0	10-157		10.4	56	
tert-Butylbenzene	28.1		"	50.0	0.00	56.3	10-160		7.83	79	
Tetrachloroethylene	25.4		"	50.0	0.00	50.8	30-167		15.9	33	
Toluene	31.9		"	50.0	0.00	63.8	21-160		15.3	50	
trans-1,2-Dichloroethylene	35.7		"	50.0	0.00	71.4	29-153		14.6	30	
Trichloroethylene	32.6		"	50.0	0.00	65.2	24-169		15.1	30	
Vinyl Chloride	36.7		"	50.0	0.00	73.5	12-160		5.86	35	
Surrogate: SURR: 1,2-Dichloroethane-d4	*46.0*		*"*	*50.0*		*92.1*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.8*		*"*	*50.0*		*95.5*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*53.2*		*"*	*50.0*		*106*	*76-130*				

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 BC31461 - % Solids Prep											
Duplicate (BC31461-DUP1)	*Source sample: 23C0993-04 (Duplicate)								Prepared & Analyzed: 03/22/2023		
% Solids	92.3	0.100	%		91.4				0.972	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
23C0992-01	Q5-EP1 HS Exc Bottom	40mL Vial with Stir Bar-Cool 4° C
23C0992-02	Q5-EP1 HS Exc East Sidewall	40mL Vial with Stir Bar-Cool 4° C
23C0992-03	Q5-EP1 HS Exc West Sidewall	40mL Vial with Stir Bar-Cool 4° C
23C0992-04	Q5-EP1 HS Exc North Sidewall	40mL Vial with Stir Bar-Cool 4° C
23C0992-05	Q5-EP1 HS Exc South Sidewall	40mL Vial with Stir Bar-Cool 4° C

Sample and Data Qualifiers Relating to This Work Order

QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
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.

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 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. 23C0992

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

Page 1 of 1

YOUR Information	Report To:	Invoice To:
Company: Laurel Environmental	Company:	Company:
Address: 53 west Hills Road Huntington, 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: 19-401.3

YOUR Project Name: 27-09 40th Ave LIC, NY

YOUR PO#:

Turn-Around Time

RUSH - Next Day	
RUSH - Two Day	
RUSH - Three Day	X
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.

Scott Yanuck

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 X
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.
Q5-EP1 HS Exc Bottom	S	3/16/23 1305	NYS DEC Part 375 VOC'S	40 mL	4
Q5-EP1 HS Exc East Sidewall	S	3/16/23 1310	NYS DEC Part 375 VOC'S	40 mL	4
Q5-EP1 HS Exc West Sidewall	S	3/16/23 1317	NYS DEC Part 375 VOC'S	40 mL	4
Q5-EP1 HS Exc North Sidewall	S	3/16/23 1325	NYS DEC Part 375 VOC'S	40 mL	4
Q5-EP1 HS Exc South Sidewall	S	3/16/23 1330	NYS DEC Part 375 VOC'S	40 mL	4
				5035	

Comments:

Preservation: (check all that apply)
HCl ___ MeOH X 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 3/17/23 1015	1. Samples Received by / Company KBankwalk	Date/Time 3/17/23 12PM
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time

2. Samples Relinquished by / Company KBankwalk	Date/Time 3/17/23 1625	
3. Samples Received by / Company	Date/Time	
Samples Received in LAB by	Date/Time 3/17/23 1625	Temperature 4.0 Degrees C